

# User Manual

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# 1 Overview

A GPS tracking platform, a one-stop tracking solution, which supports IOS and Android mobile

applications, and can be used in any country, supports 30 languages. Including tracker / DVR device management, account management, geofencing, alerts, real-time tracking and playback, video, reports, and more.

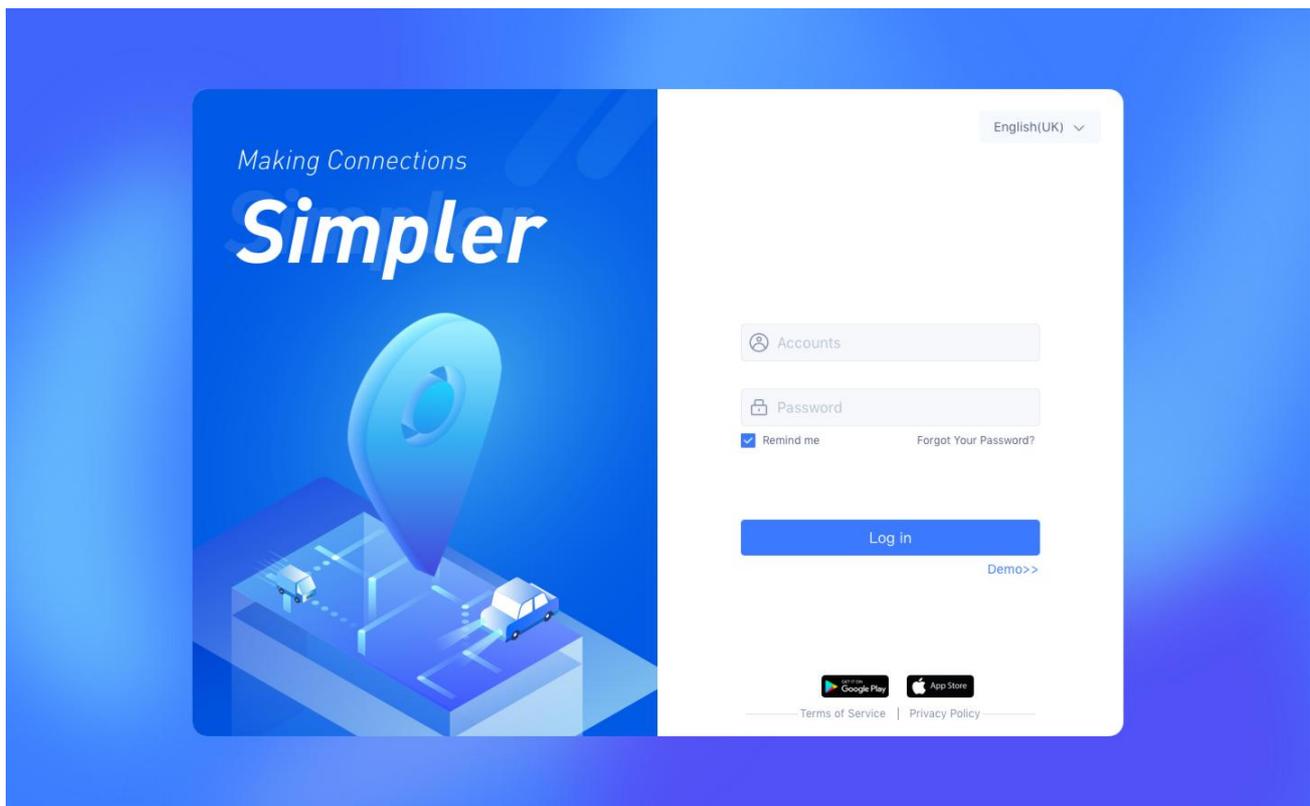
## 2 Login/Logout

### 2.1 Login

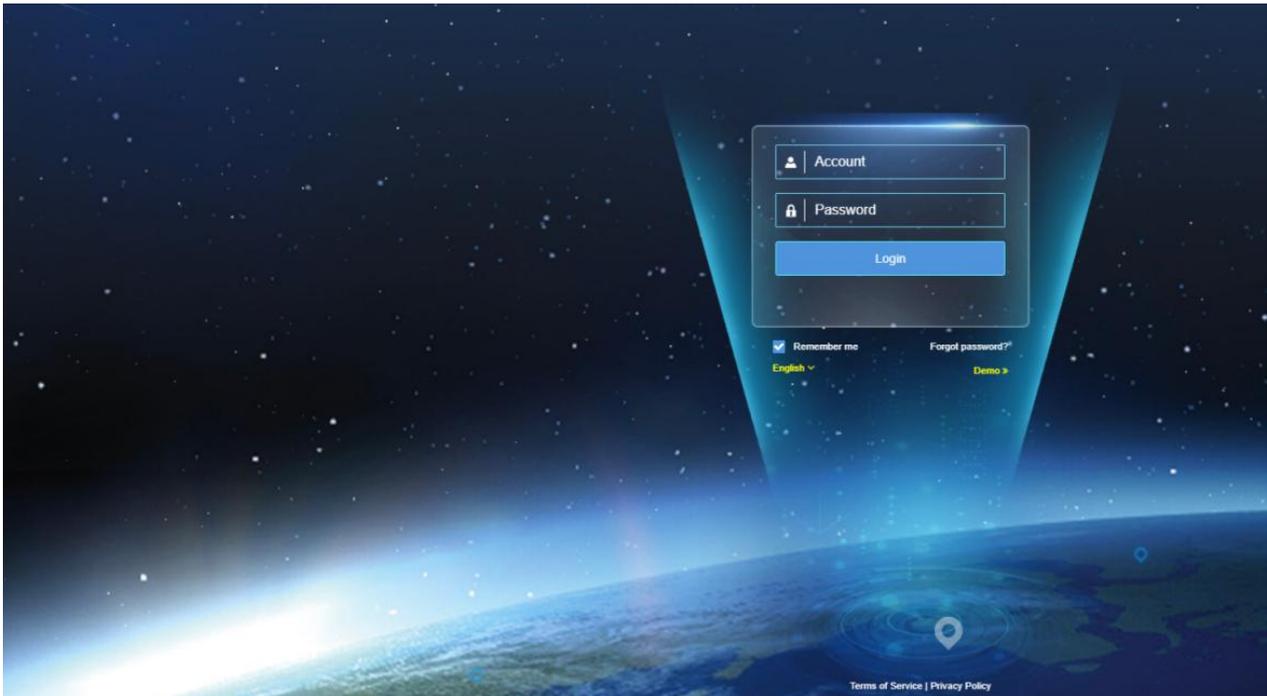
Platform accounts cannot be registered online and should be obtained from the dealership or customer service. The initial password for the account is 888888 and the user should change the password after the first login. The App supports the online registration function, and users can use a valid email address to register the App account;

If the account or password fails more than 5 times, the user may need to enter a verification code. If you forget your password, you can retrieve it by email.

If users want to experience the platform function before deciding whether to use the platform, they can click the "Demo" entrance, apply for a demo account and then log in the system for experience; platform provides both old and new versions of the login page;



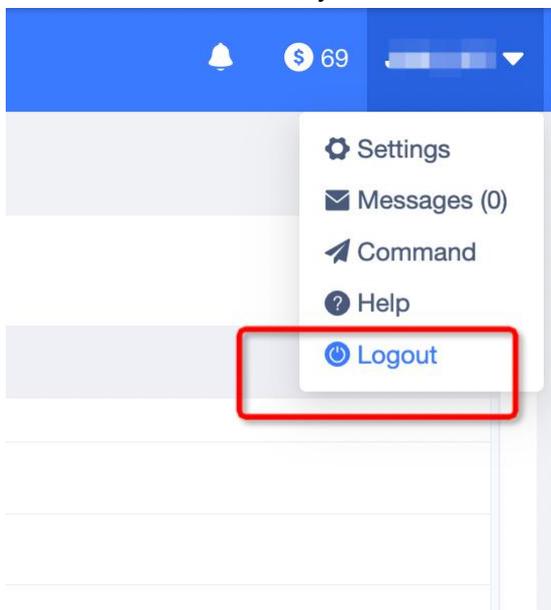
New version



Old version

## 2.2 Logout

Click the account-exit, you can exit the system, back to the login page;

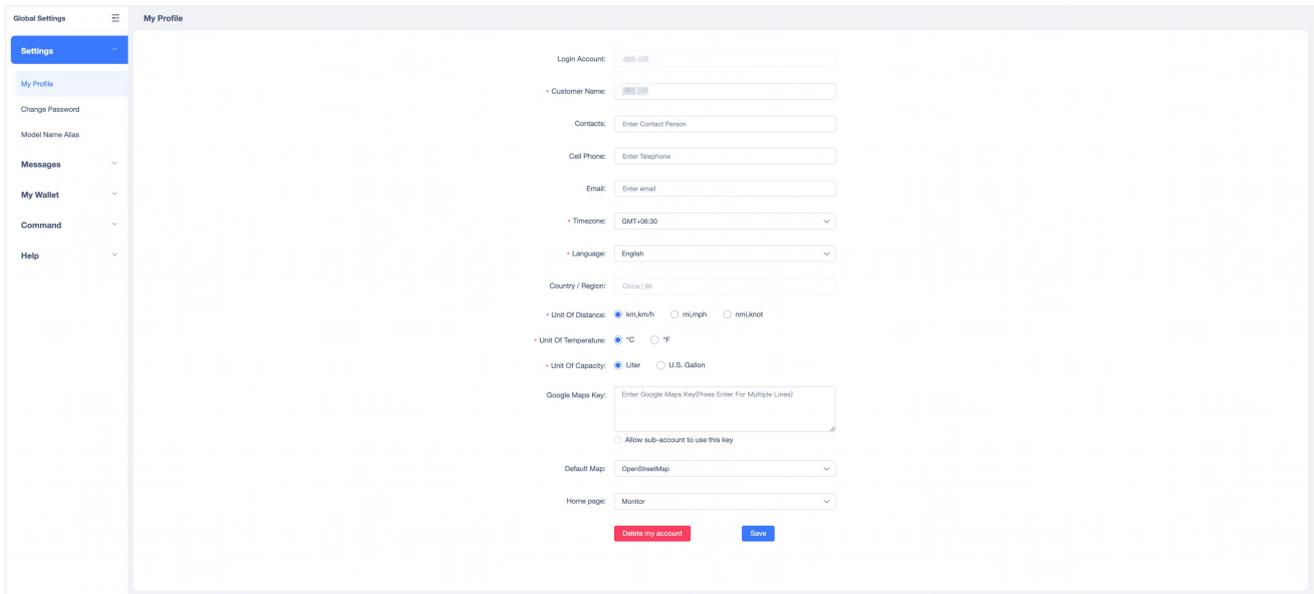


# 3 Settings

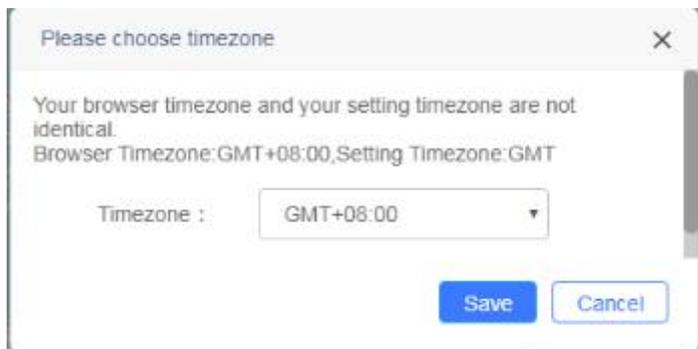
## 3.1 My Profile

My personal data involves the management of user-related information, as well as the system personalized Settings;

These includes configurable fields, such as time zone, account nickname (customer name), phone number, email, Google key, default map, home page. All the time storage in the database is the UTC 0 time zone (GMT + 00:00) time, and the system transforms to the local time according to this time zone setting. If the user time zone is not set, replace it with the browser.



If the user has not set the time zone, after login, the system will pop up a window for the user to set the time zone. Of course, if the time zone of the user's browser is not consistent with the time zone set by the user, a window will pop up for the user to choose whether to adjust it or not.

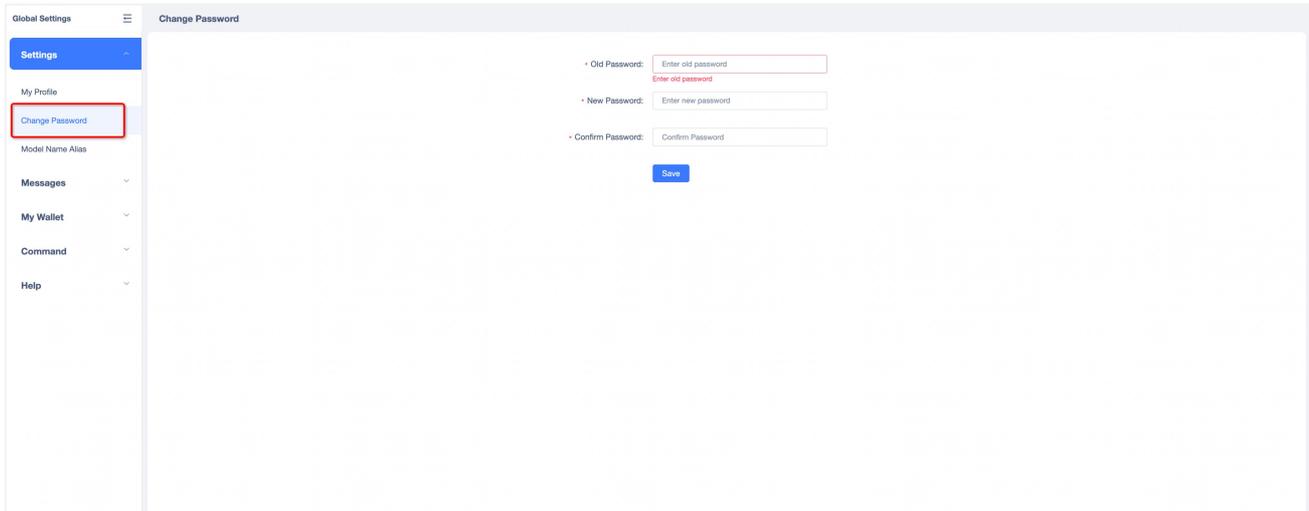


## 3.2 Change Password

If the user is not satisfied with the current password, the user can change the password. When

changing the password, you need to enter the original password first, then set the new password and confirm the new password again. After the verification, the password will be changed successfully successfully; Password length is 8-50 bits, must contain numbers and letters, the initial password is 888888;

If the user logs in with the initial password, the initial password after the first login;



### 3.3 Model Name Alias

The distributor can set an alias for the device, and after setting it up, all the customers under the distributor will see the alias of the device rather than the default model name of the whole platform, which facilitates the distributor to sell the product on the market.

The screenshot shows the 'Model Name Alias' table within the 'Global Settings' application. The left sidebar is the same as in the previous image, with 'Model Name Alias' highlighted. The table has four columns: 'NO.', 'Default Model Name', 'Alias Model Name', and 'Actions'. The 'Actions' column contains an 'Edit' link for each row.

NO.	Default Model Name	Alias Model Name	Actions
1	VL103D		Edit
2	VL502_L		Edit
3	VL103M		Edit
4	VL502_A		Edit
5	VL502_E		Edit
6	VL02		Edit
7	VL03		Edit
8	VL04		Edit
9	GT08		Edit
10	EV26		Edit
11	VL806		Edit
12	VL802		Edit
13	VG02U		Edit
14	VL01		Edit
15	JC181		Edit
16	VL863		Edit
17	LL02		Edit
18	LL01		Edit
19	GT800		Edit

**Edit Model Alias Name** [X]

Default Model Name

Alias Model Name

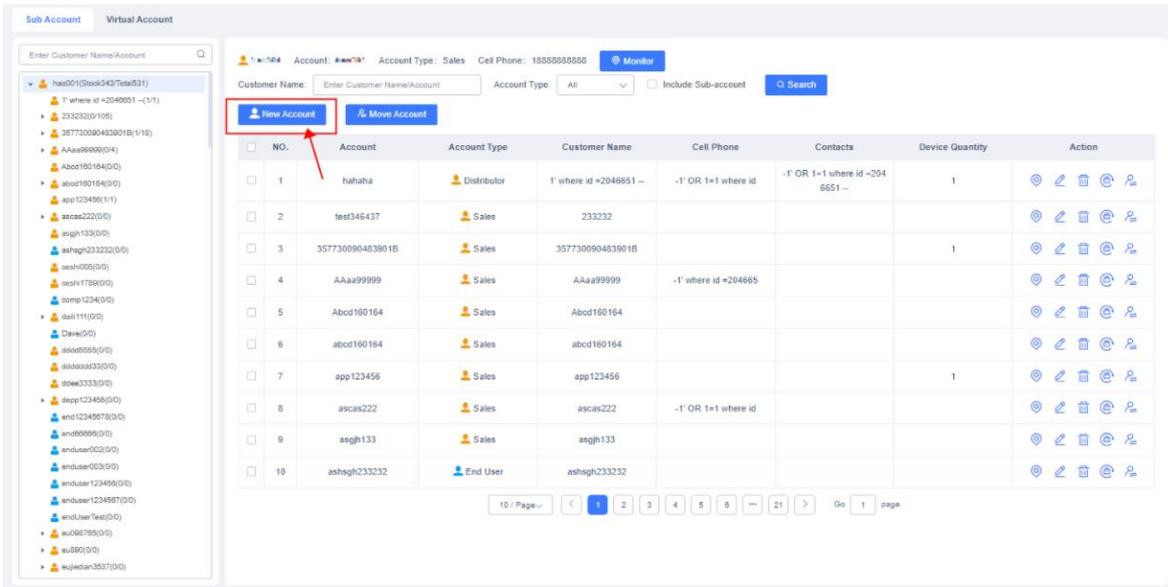
## 4 Account Management

### 4.1 New Account

Create a new sub-account for the current login account.

There are four account types in the system:

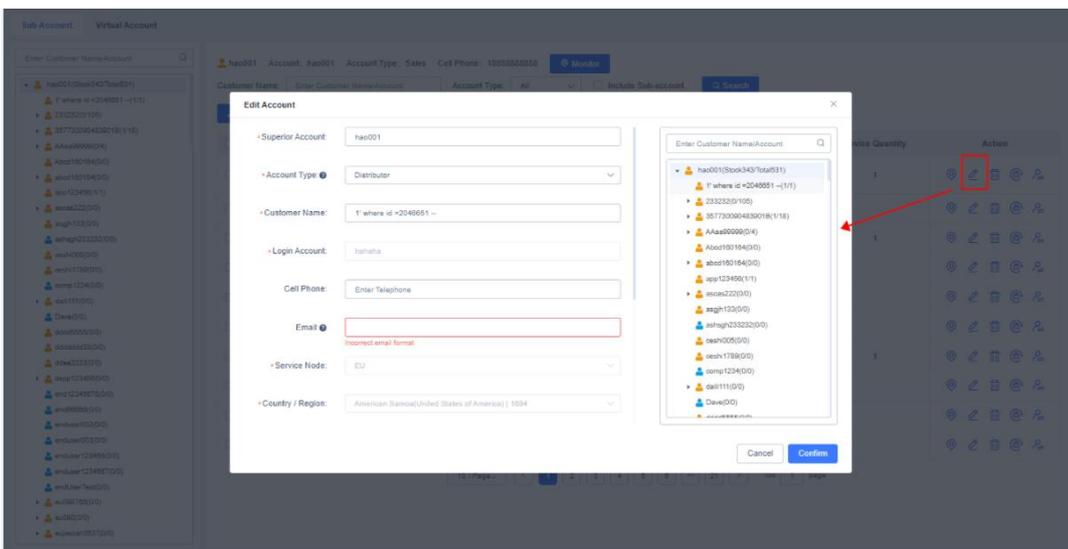
- **Sales**-The type of account used for sales in this tracking platform, and the sales accounts can create sub-accounts, such as Sales, Distributor, Enterprise user, and End-user.
- **Distributor**-This account type can create distributor, enterprise user, and end user sub-accounts. Can manage, sell / mobile devices to subusers, but not used as enterprise users;
- **Enterprise User**-This account type can create both enterprise user and end user sub-accounts. This type is usually used as a collection of company or department-level administrators, who can manage all sub-accounts and devices, and can access the enterprise zone;
- **End User** -This account type cannot create a subaccount and can only manage and monitor a single device or multiple devices;



## 4.2 Edit Account

Users can edit the relevant information of sub-accounts, including account type, customer name, login account, mobile phone, email address, node, country / region, contact person, company name, meter coin, permissions (Web login, App login, sending instructions, setting working mode, Web editing, App editing).

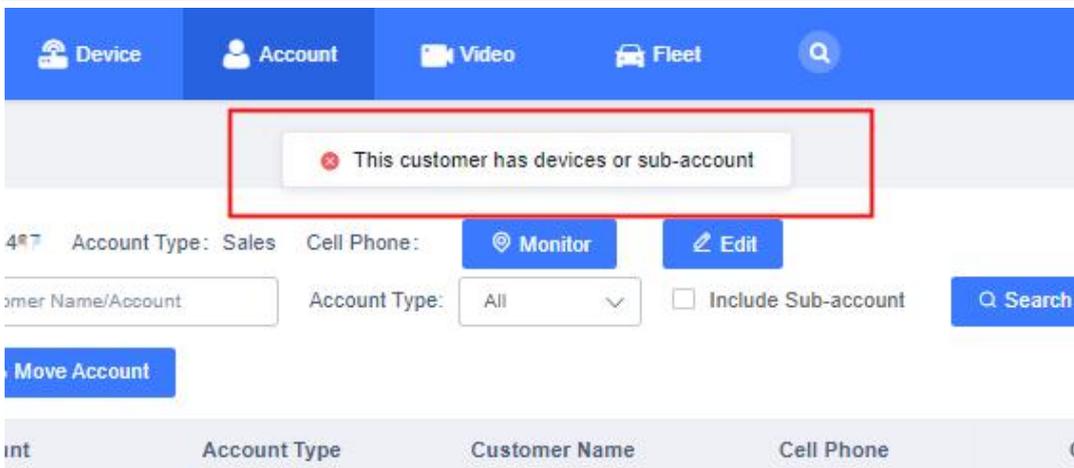
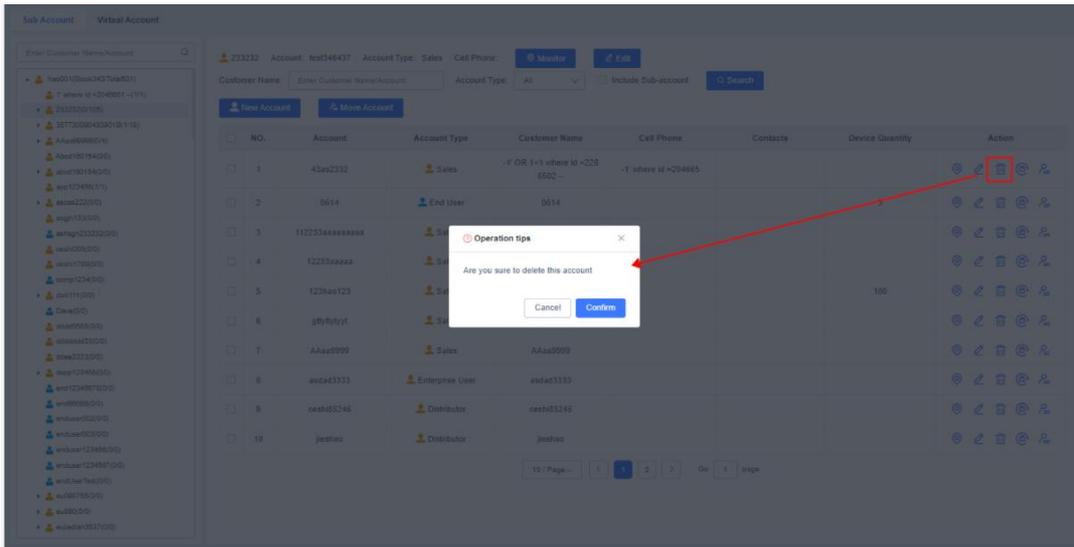
At the same time, an account tree is provided on the right side of the pop-up box for customers to quickly search their accounts;



## 4.3 Delete Account

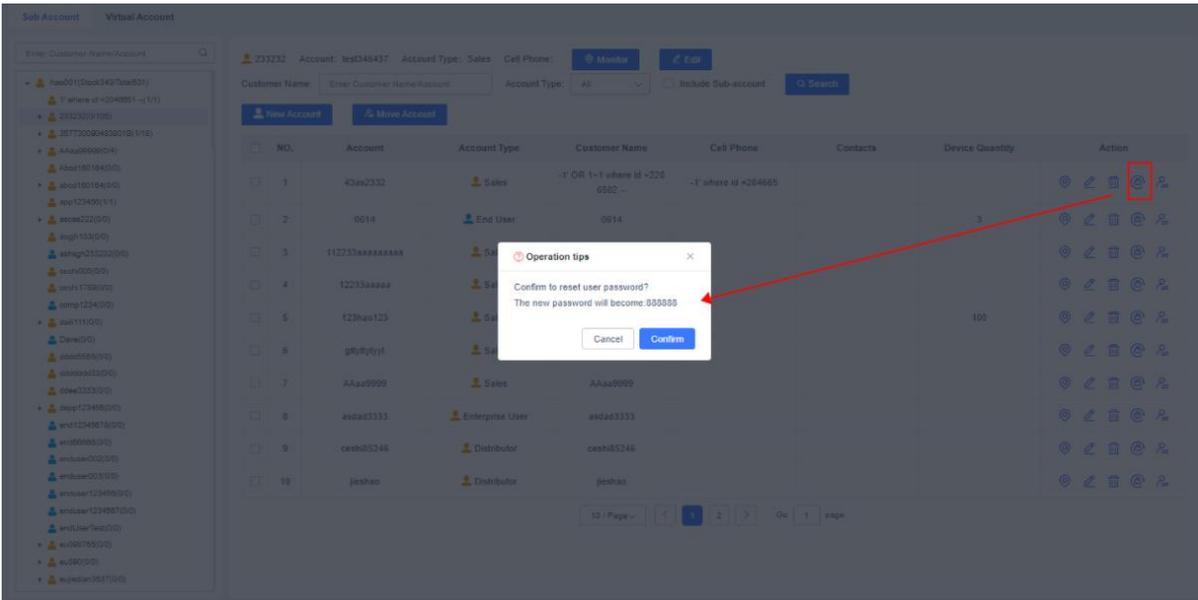
The system allows users to delete their sub-accounts, of course, also need to do certain checks; If the account does not have a sub account or tracking device, it can be deleted, otherwise it is not

allowed. The user is asked to check this operation carefully before deleting.



## 4.4 Reset Password

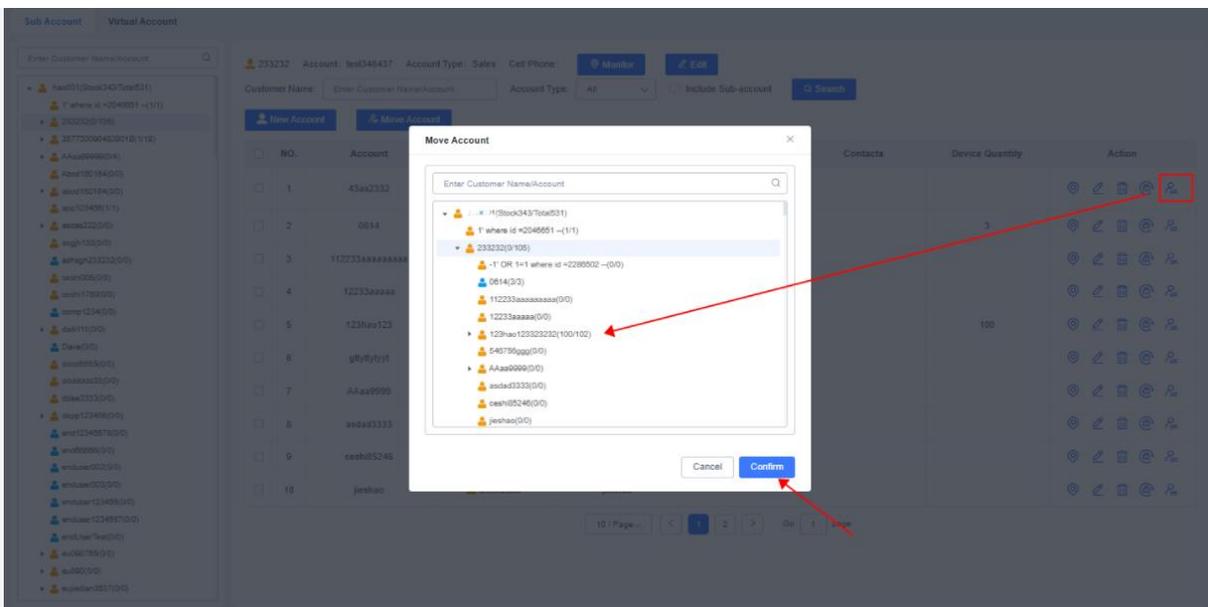
The user can reset the password for sub-accounts, in case the sub-account user forgets the password and cannot retrieve it; After resetting the password, the password of the account becomes the initial password 888888, and the sub-account needs to change the password after logging in to the system.



## 4.5 Move Account

If the user in the business relationship changes, you can move the account to realize the account restructuring. After the account is moved, the device account is associated, account permission and the number of prepaid cards will not change.

Click the Move user icon and select the target account, and then click the Save button to do this.



At the same time, you can also select the account information in batch, click the "Move Account" button, you can move the account in batch;

The screenshot displays a 'Virtual Account' management interface. On the left, there is a tree view of accounts. On the right, there is a table of accounts with the following columns: NO., Account, Account Type, Customer Name, Cell Phone, Contacts, Device Quantity, and Action. A red box highlights the 'Move Account' button and the first row of the table. A red arrow points from the 'Move Account' button to the first row. The table contains 10 rows of account data.

NO.	Account	Account Type	Customer Name	Cell Phone	Contacts	Device Quantity	Action
1	43aa2332	Sales	- '1' OR 1=1 where id =228 6502 --	- '1' where id =204665			
2	0614	End User	0614			3	
3	112233aaaaaaaa	Sales	112233aaaaaaaa				
4	12233aaaaa	Sales	12233aaaaa				
5	123hao123	Sales	123hao123323232			100	
6	gtfytftyf	Sales	546756ggg				
7	AAaa9999	Sales	AAaa9999				
8	asdad3333	Enterprise User	asdad3333				
9	ceshi05246	Distributor	ceshi05246				
10	jieshao	Distributor	jieshao				

## 4.6 Virtual Account

Users can create multiple virtual accounts for the current account and assign different access rights for them, which helps team members collaborate with the same account. A virtual account is not a real account, it is an alias account with different access rights, allowing users to use the same account for tracking devices between members of the management team. The virtual user has as follows:

- Modify data-Ability to add, edit, and save data.
- Send commands-Ability to send commands to the device.
- View the report-Be able to see the report page.
- View the video module contents.

Sub Account Virtual Account

Enter Customer Name/Account

Account: Account Type: Sales Cell Phone: 1688388888 Monitor

Customer Name: Account Type: All Include Sub-account Search

New Account Move Account

NO.	Account	Account Type	Customer Name	Cell Phone	Contacts	Device Quantity	Action
1	hahaha	Distributor	1' where id =2048551 --	-1' OR 1=1 where id	-1' OR 1=1 where id =2046651 --	1	
2	test346437	Sales	233232				
3	357730090403901B	Sales	357730090403901B			1	
4	AAaa99999	Sales	AAaa99999	-1' where id =204665			
5	Abcd160164	Sales	Abcd160164				
6	abcd160164	Sales	abcd160164				
7	app123456	Sales	app123456			1	
8	ascas222	Sales	ascas222	-1' OR 1=1 where id			
9	asgh133	Sales	asgh133				
10	ashgh233232	End User	ashgh233232				

10 / Page < 1 2 3 4 5 6 7 8 9 10 21 > Go 1 page

2023-03-24 17:01:20

**Add virtual Account** ×

\* Virtual Account Name:

\* password:

\* Confirm the password ...

Permissions:

- Modify Data
- Send Command
- View Report
- View video

## 5 Device Management

### 5.1 Import Device

If you want to use the device in the platform, see the relevant location, track, and alert information of the device, and send instructions to the device, the user needs to import the device into the platform and them first. The import of the device needs to consume a certain amount of Mi Coins,

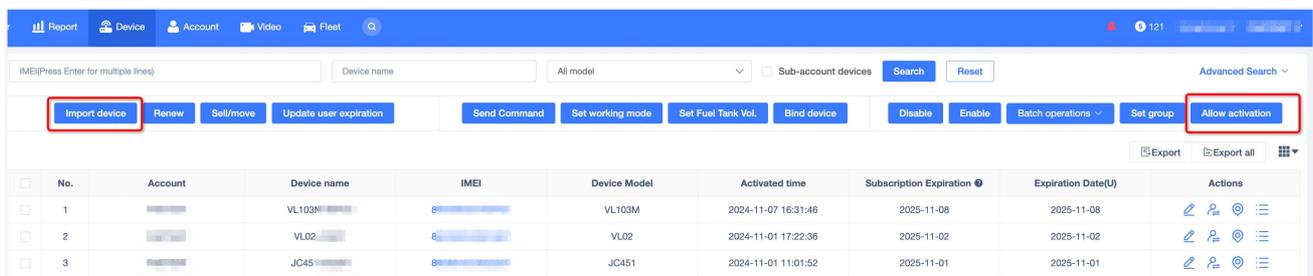
and the number of Mi Coins required depends on the model of the device and the length of time taken by the import platform;

In the figure below, select the application object and model and fill in the IMEI of the device.

Normally, after the device is imported into the platform, the platform will automatically activate the device once it receives the device data. Of course, customers can also choose manual activation, that is, the platform will not process the device data even if it receives it before the customer allows the device to be activated.

Customers can set manually activated devices to allow activation through the "Allow activation" button on the Device page.

- Automatic activation: The platform receives the data reported by the device and automatically activates the device.
- Non-automatic activation: After the user sets the device to "allow activation", the platform receives the data reported by the device and automatically activates the device; if not set, the device will not be activated.



The screenshot shows a web interface for device management. At the top, there is a navigation bar with tabs for Report, Device, Account, Video, and Fleet. Below the navigation bar, there is a search area with fields for IMEI (with a note 'Press Enter for multiple lines'), Device name, and All model. There are also checkboxes for 'Sub-account devices' and buttons for 'Search' and 'Reset'. An 'Advanced Search' dropdown is also present. Below the search area, there is a row of action buttons: 'Import device' (highlighted with a red box), 'Renew', 'Sell/move', 'Update user expiration', 'Send Command', 'Set working mode', 'Set Fuel Tank Vol.', 'Bind device', 'Disable', 'Enable', 'Batch operations', 'Set group', and 'Allow activation' (highlighted with a red box). Below the buttons, there is a table with columns: No., Account, Device name, IMEI, Device Model, Activated time, Subscription Expiration, Expiration Date(U), and Actions. The table contains three rows of device data.

No.	Account	Device name	IMEI	Device Model	Activated time	Subscription Expiration	Expiration Date(U)	Actions
1		VL103M	8	VL103M	2024-11-07 16:31:46	2025-11-08	2025-11-08	
2		VL02	8	VL02	2024-11-01 17:22:36	2025-11-02	2025-11-02	
3		JC45	8	JC451	2024-11-01 11:01:52	2025-11-01	2025-11-01	

Click the “Confirm” button, and then import the device.

If the system prompts an AMS verification error message, you may need to double check with your superior user or customer service to ensure that the IMEI is valid and to exit the system named AMS.

## 5.2 Searching Device

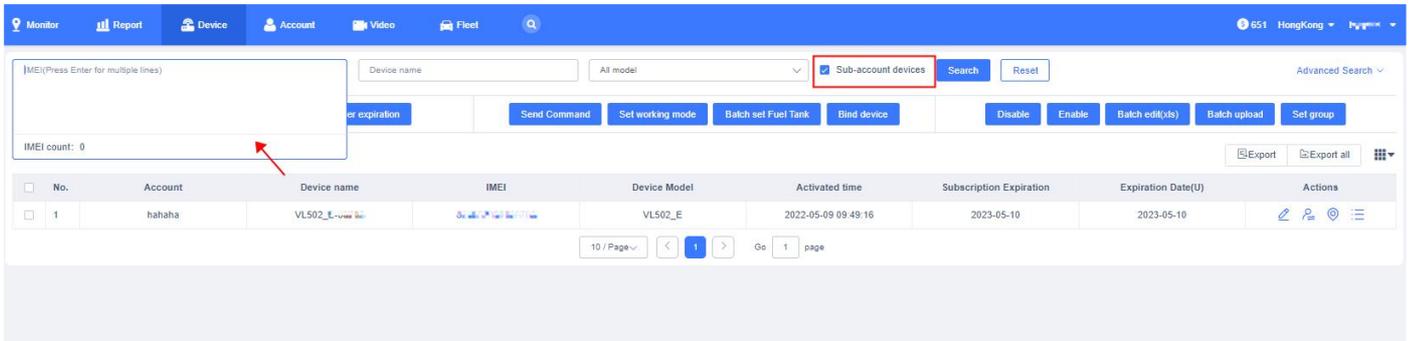
The system provides a simple and advanced search to help users find devices.

### ● Simple search

The simple search includes the following conditional fields: IMEI (support multiple IMEI), device name, model.

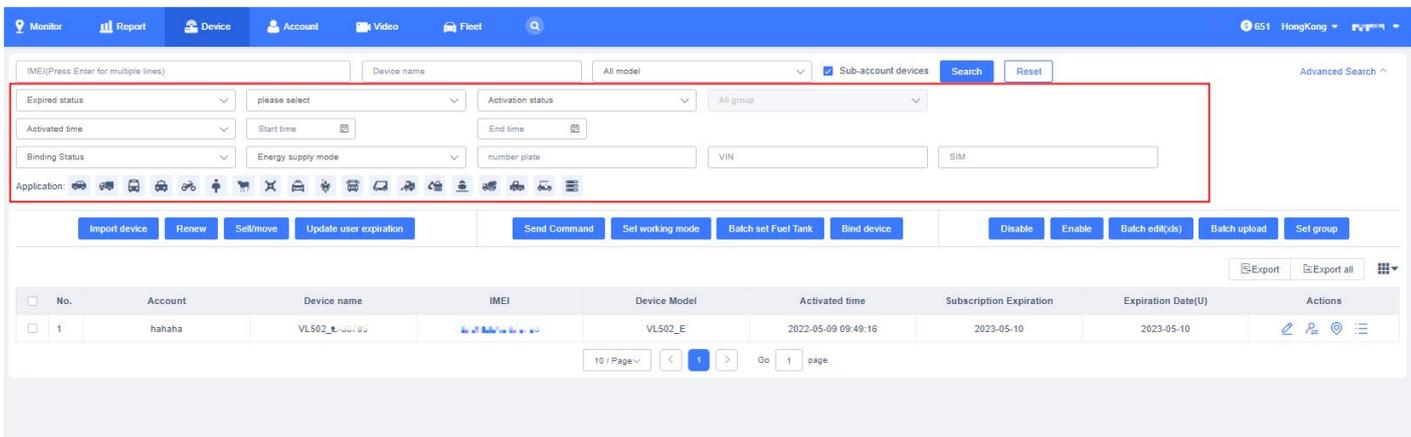
If the user checks the check box containing the sub-account device, the device with the sub-account meeting the conditions will be searched out simultaneously during the search;

Users can provide simultaneous IMEI searches of multiple devices at once, changing lines to separate them. The IMEI search supports fuzzy search, and users can also search for the device by directly entering the last five digits of the IMEI.



### ● advanced search

Advanced search allows users to search for devices through more query conditions.



The query conditions are described as follows:

- Expired status: search the device according to the device expired status, there are 4 states;
  - a. Platform expire soon - Get a device whose platform expiration date is about to expire.
  - b. Platform expired - Get the devices that have expired.
  - c. User expire soon - Get the devices that the user expiration date is about to expire.
  - d. User expired - Get the devices whose user expiration date has expired.
  - e. Exdue date time - Get the devices according to the expiration date time of the device, and you can choose within 7 days, 30 days, 60 days, 7 to 30 days, and 30 to 60 days;
  - f. Activation status: Search for the device by device active status (activated, not activated);
  - g. Activated time: Search for the device by device activation date range (start time, end time)
  - h. Group: search for devices by device group;
  - i. Binding Status: Search the device by bound or unbound an App account;
  - j. Energy supply method: Search the device according to the device energy supply mode (cable, battery)
- Number plate : Search for the device according to the license plate number of the relevant vehicle (or other type of target);
- VIN: search for the device by the vehicle identification number;

- SIM: Manually enter the SIM card number to search for the device;
- Application: search for device according to the range of use;

Note:

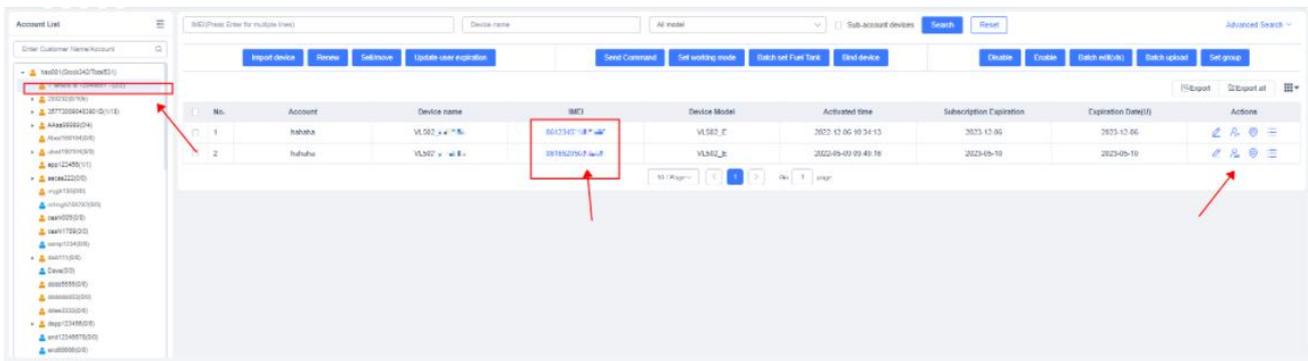
Platform expiration time: indicates how long the device can use the platform, depending on the year specified when importing or updating the device, regardless of which account the device belongs to.

User expiration time: Each account associated with the device can set a user expiration time, and the superior account can change the user expiration time of the device for the sub-account. User expiration data helps the dealer control the expiration date of the sub-account device.

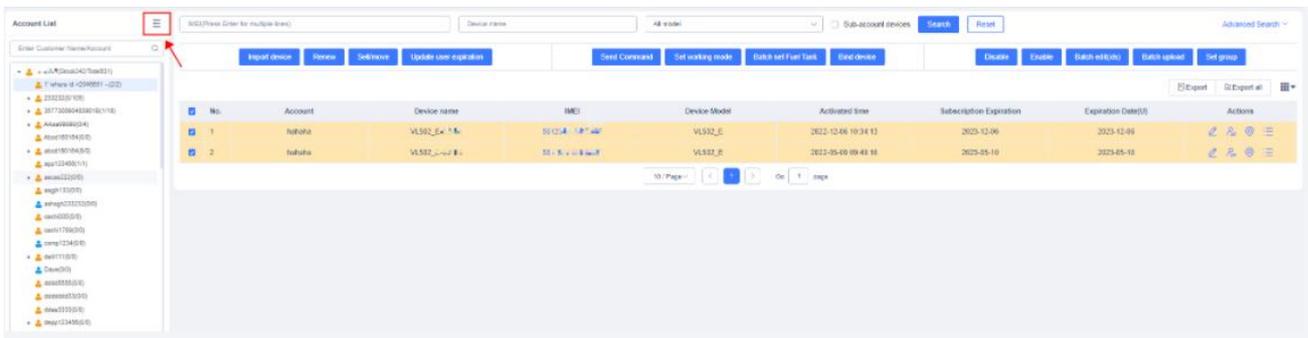
## 5.3 View & Edit Device

### 5.3.1 View Device

The account tree on the left shows a list of accounts, including the number of devices in the account (Stock / Total). If the user clicks on an account, the system will list all the eligible devices under the account on the right, and page out the matching results. Users can view the device details in the pop-up window by clicking on the IMEI link, or do otherwise in the last column of each row.



The user can fold / expand the account tree on the left to expand the visible area of the main content.



### 5.3.2 Edit Device

Click the "Edit" button in the last line of the operation column of the device data list to pop up the device details pop-up window, and the user can edit the device details here;

The pop-up window of the editing device contains 4 tabs: basic information, customer information, alert, and sensor.

- Basic information

The basic information includes the device IMEI, model, ICCID, import time, expiration time and the most basic information of the device itself;

Some fields support user editing, some fields are read directly from the device and are not editable; as follows:

Field Name	Editable	Description
Device IMEI	No	Unique number for tracking device.
Model	No	Device model.
Device Name	Yes	Give a name for device , the default device name is model name + last 5 digital of IMEI, for example AB310-17219
SIM	Yes	SIM card number from mobile network.
Group	Yes	Device group, user can add group in Monitor page.
Activated Date	No	The date of first GPS data packet upload to sever.
Application	Yes	Device application target, like a car or a cow.
Expiration Date(P)	No	Platform Expiration Date, it cannot be changed except import or renew(recharge ) device.
ICCID	No	Automatically update by device.
IMSI	No	Automatically update by device.
Sales Time	No	The time devices sell from superior account to sub-account.
Import Time	No	The time devices imported to system.
Expiration Date(U)	Yes	User Expiration Date, User is not allow to change expiration of his own devices(stock devices), but is able to specify it for sub-account.User Expiration Date of sub-account should not later than superior account.
Allow Bind User	Yes	Check it to enable binding this device by App .Uncheck it to unbind the App user and not allow App user to bind it.
Common Address	Yes	Customers can set 3 common addresses for the device, similar to the setting method of fences. Customers can name each address and set longitude and latitude, radius, and color information. When users view the location of the device on the monitor, they can click to display the common address of the device to facilitate the positioning of the monitoring device.
Remark	Yes	Add additional information for this device.

Edit
×

Basic

Customer

Alerts

Sensors

Camera

IMEI: <input style="width: 90%;" type="text"/>	Device Model: <input style="width: 90%;" type="text" value="VL103M"/>
ICCID: <input style="width: 90%;" type="text"/>	Import time: <input style="width: 90%;" type="text" value="2024-11-07 16:31:40"/>
IMSI: <input style="width: 90%;" type="text"/>	Activated time: <input style="width: 90%;" type="text" value="2024-11-07 16:31:46"/>
SIM: <input style="width: 90%;" type="text"/>	Sales time: <input style="width: 90%;" type="text"/>
Device name: <input style="width: 90%;" type="text" value="VL103M"/>	Subscription Expiration: <input style="width: 90%;" type="text" value="2025-11-08 07:59:59"/>
Group: <input style="width: 90%;" type="text" value="Default Group"/>	Expiration Date(U): <input style="width: 90%;" type="text" value="2025-11-08 07:59:59"/>

Application:

Binding:

[More sub-account >>](#)

- Customer information

Customer information includes customer-related information for using the device, such as driver information, vehicle information, installation information, and so on.

Vehicle data and driver data are associated with Fleet-vehicle and driver information. Customers need to create new vehicle and driver information in the Fleet module first, and then directly select the newly created vehicle and driver data here. If there is no data that meets the conditions, customers can click the "No vehicle? Go to add" or "No driver? Go to add" button to create new information. The information created here will be synchronized to the Fleet module.

The screenshot shows a web application interface for editing device information. The window title is "Edit" and it has a close button (X) in the top right corner. The interface features a horizontal tabbed menu with five tabs: "Basic", "Customer", "Alerts", "Sensors", and "Camera". The "Customer" tab is currently selected and highlighted in blue. Below the tabs, the form is organized into sections:

- Vehicle Information:** Contains four input fields: "Engine No." (with a dropdown arrow), "Fuel / 100km:" (with the value "10"), "Vehicle brand:", and "Vehicle Model:".
- Driver information:** Contains four input fields: "Driver name:" (with a dropdown arrow and a link "No driver? Go to add"), "Driver No.:", "ID number:", and "Phone:" (with the value "4156").
- Install Information:** Contains two input fields: "Installation time:" (with a "Select date" dropdown and a calendar icon) and "Install address:".

At the bottom right of the form, there are two buttons: "Cancel" and "Save". The "Save" button is highlighted in blue. The background of the application shows a dark sidebar with some text and icons, and a top header area.

## ● Alerts

Some alert types need to be configured by device level, such as overspeed alerts, maintenance alerts, night driving alerts, and so on. Such alerts will be triggered only if the standards of the device setting are met.

The user can correct the current mileage data of the device through the "Current Mileage" field in the "Maintenance Alert". Generally, the data here is the mileage value calculated by the platform based on the reported positioning points. If the customer thinks that there is a deviation from the actual value, he can click the "Calibration" button, and the platform will send a command to obtain the mileage value counted by the device itself (this function is based on the premise that the mileage statistics function has been turned on for this device)

Edit
✕

Basic
Customer
Alerts
Sensors
Camera

---

**Overspeed Alert**

Speeding:  km/h      Duration:  sec

**Maintenance Alert**

Mileage

Current mileage:  km    Calibration

Each trip reaches:  km Will remind      Total mileage reached:  km Will remind

ACC-ON duration

ACC-ON threshold:  hr      ACC-ON current duration:  hr

**Night driving Alert**

● Sensors

Some devices can be connected with multiple sensors to obtain different data information and report through the device; where the connected sensors and the data display rules can be configured;

Edit
✕

Basic
Customer
Alerts
Sensors
Camera

ⓘ Capacitive/ultrasonic fuel sensors have been merged into fuel sensors, and any type of fuel data reported by the device will be processed and displayed compatibly.

**Analog Input (ADC)**

Analog input sensor type:  ✕

**Serial port input**

TTL/RS232:

RS485:

**Digital Input (IN1)**

Digital sensor type:

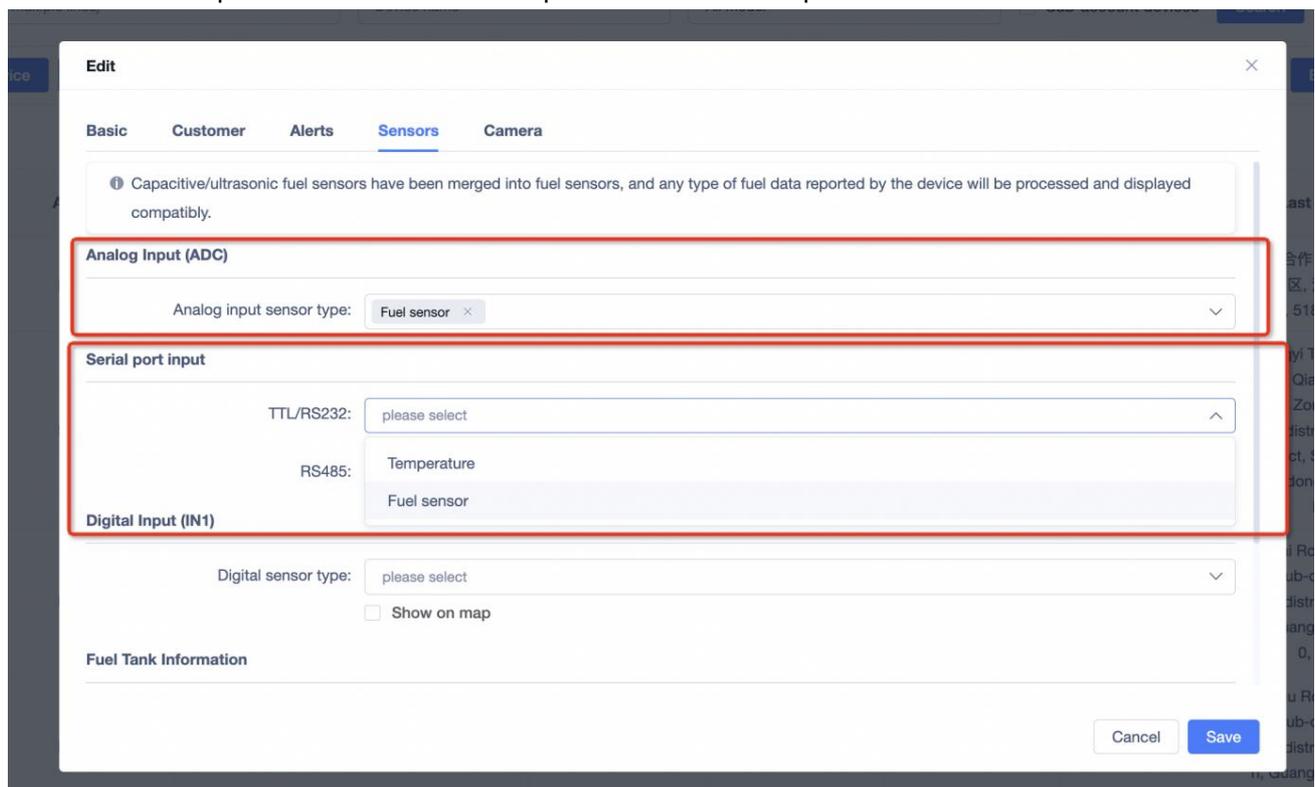
Show on map

**Fuel Tank Information**

In fleet logistics scenarios, large transport vehicles typically have multiple fuel tanks. Previously, our devices and platform could only monitor data from a single fuel tank, which did not provide a complete view of the vehicle's fuel consumption. To better support fleet transport scenarios and help fleet managers monitor vehicle fuel levels more effectively, this iteration introduces a multi-fuel sensor feature. Devices now support the configuration of multiple fuel tanks, allowing for the simultaneous display of data from multiple fuel sensors.

### Configuration Method:

Step 1: In Device Details - go to Sensors. Based on the fuel sensor used by the device, select the "Fuel Sensor" option from either ADC Input or Serial Port Input.



Step 2: Configure fuel tank information. The device must have fuel tank information configured in order to calculate and display fuel data correctly.

Users can manually add fuel tank information or import fuel tank data from the device's reported data (assuming the fuel sensor is properly connected to the device).

- Manual Addition

When manually adding a fuel tank, the user needs to fill in the following fuel tank information: Fuel Tank Name, ID/MAC, Type (Cube/Irregular), Height Correlation.

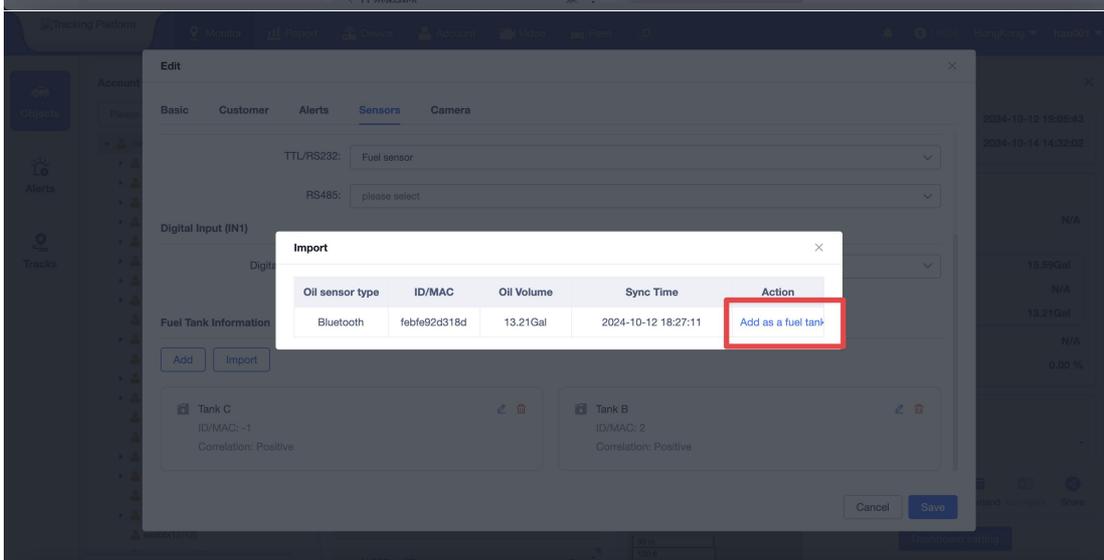
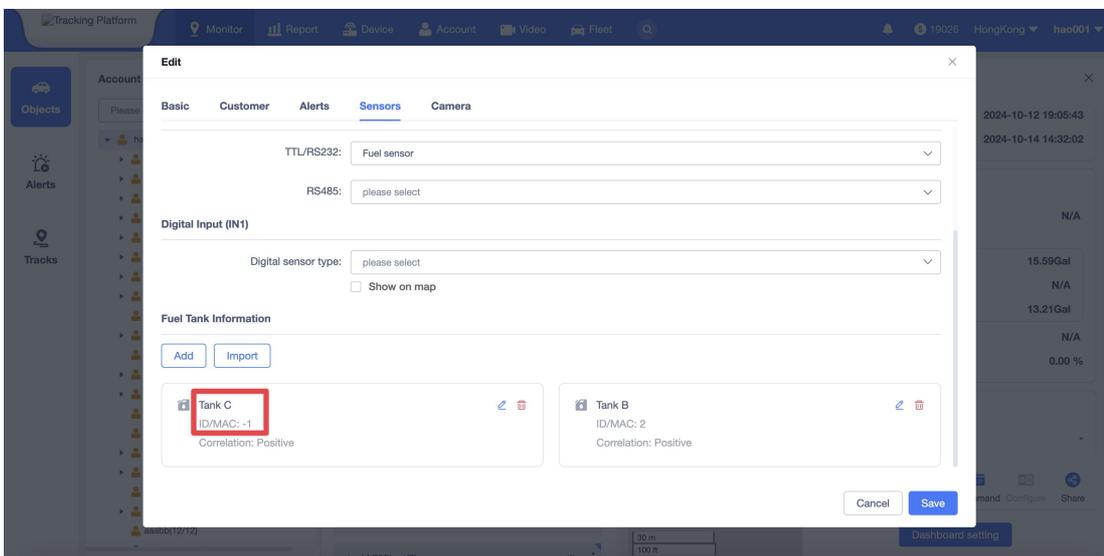
The platform uses the ID/MAC to determine which fuel sensor data belongs to which fuel tank and displays the fuel tank name as specified by the user. Multiple fuel tanks are uniquely identified by their ID/MAC. For devices that only report a single fuel sensor data, enter “-1” in the ID/MAC field when configuring the fuel tank.

- Importing Fuel Tank Data

If the fuel sensor is correctly installed and reporting data, the “Import Fuel Tank” feature can be used for a quicker and more accurate way to add fuel tanks.

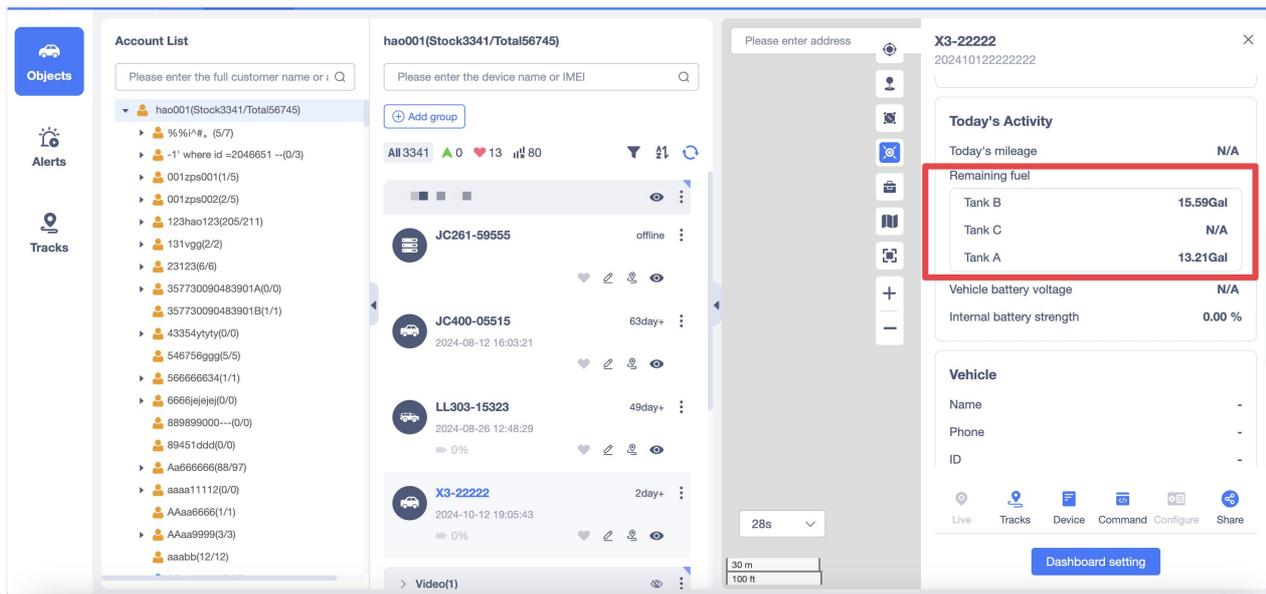
When the user clicks “Import Fuel Tank,” the platform will display the fuel data reported by the device. The system distinguishes different fuel tanks based on the ID/MAC field. If the ID/MACs differ, the data is assumed to be from different fuel tanks; if they are the same, only the latest data will be displayed.

The user can click the “Add as Fuel Tank” button next to a specific fuel data entry, and the platform will automatically create a new fuel tank entry in the fuel tank information list. The ID/MAC field from the fuel data will be used to populate both the Fuel Tank Name and ID/MAC fields. The Type will default to “Cube,” the Fuel Calculation Threshold will default to 0%, and Height Correlation will default to “Positive Correlation.” After adding, the user can further modify the fuel tank information as needed.



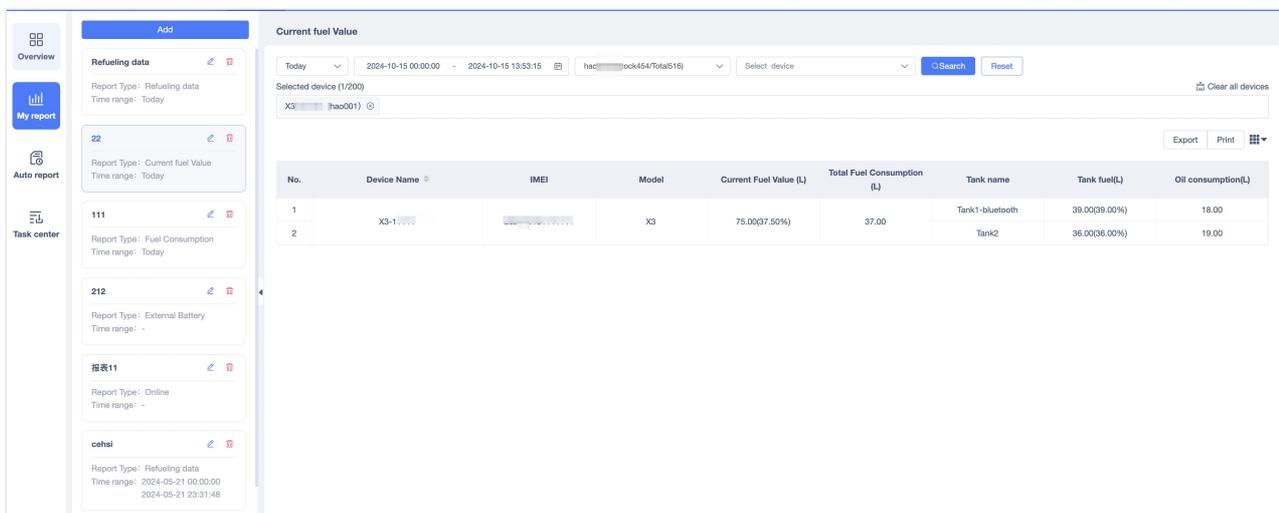
**Fuel Sensor Display:**

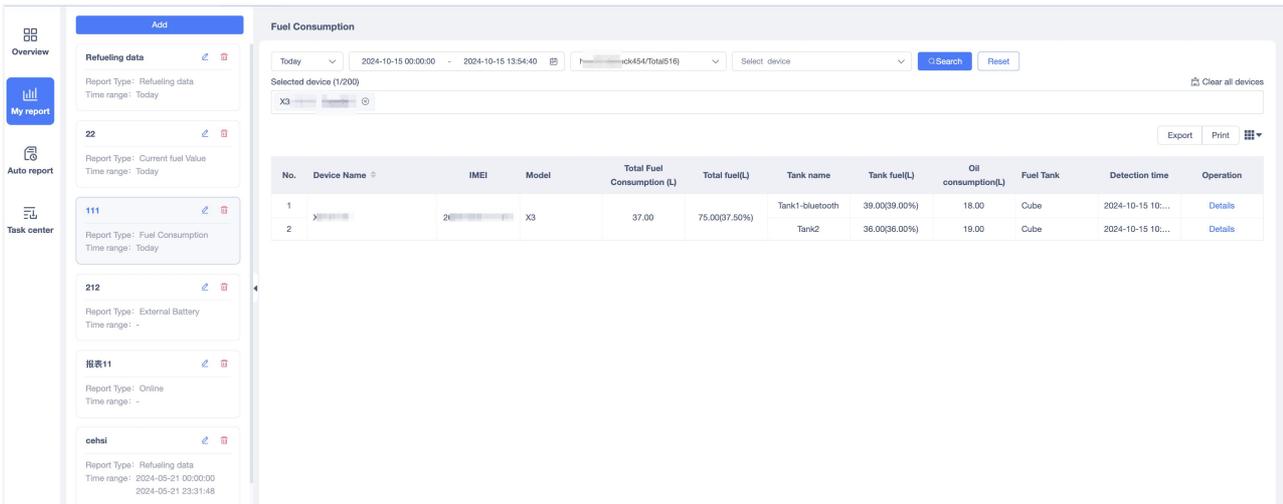
When a device is configured with multiple fuel tanks, users can view the names of each fuel tank along with their corresponding fuel levels on the device dashboard.



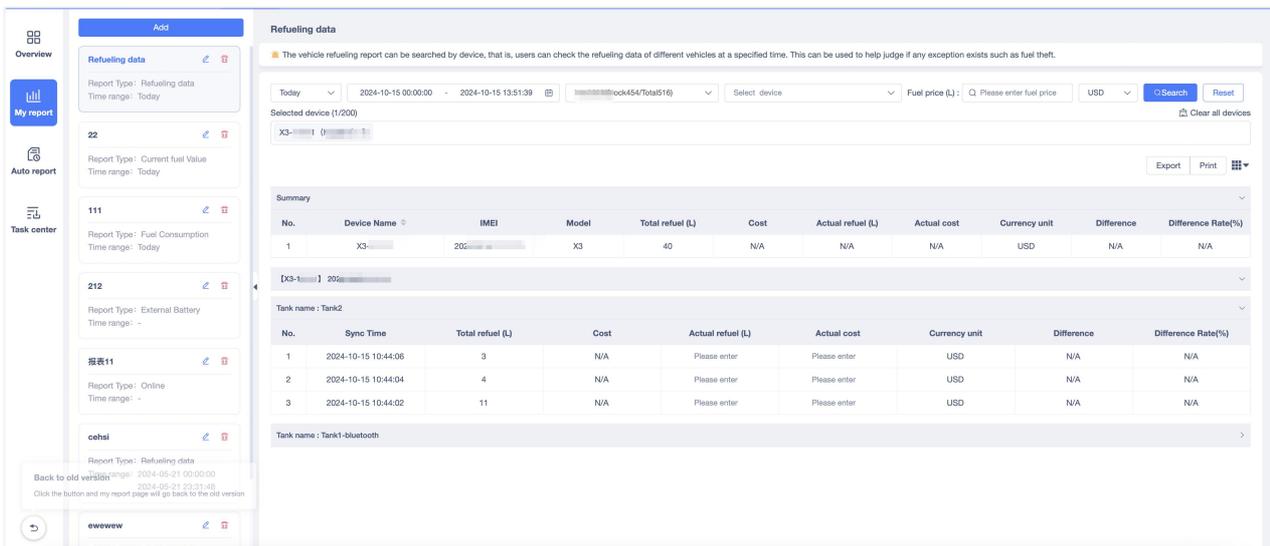
### Report:

Both the Fuel Consumption Report and the Current Fuel Report have added fields for fuel tank, fuel tank levels, and fuel tank consumption. For different fuel tanks on the same device, the serial number, device name, IMEI, model, and total fuel consumption fields are displayed combined, while the fuel tank, fuel tank levels, and fuel tank consumption fields are displayed separately.





In the Vehicle Refueling Data Report, when a device is connected to multiple fuel tanks, the total refueling amount, calculated cost, actual refueling amount, and actual cost are the sum of the data from all fuel tanks.



## App Support for Multiple Fuel Tanks

In the App's Device Details - Sensor Information section, users can configure multiple fuel tanks. When users select fuel sensor information in either Analog Input (ADC) or Serial Port Input, two modules will appear below: "Fuel Tank Information" and "Device Data." Users can add new fuel tank information manually or fill it automatically through device data.

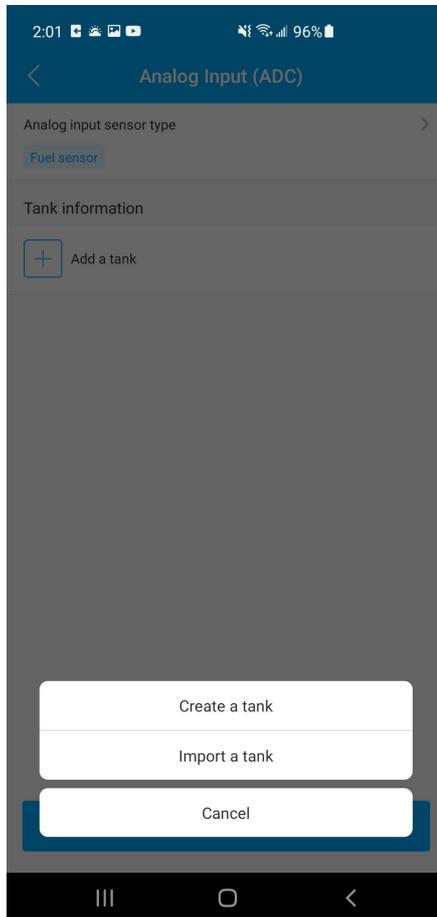
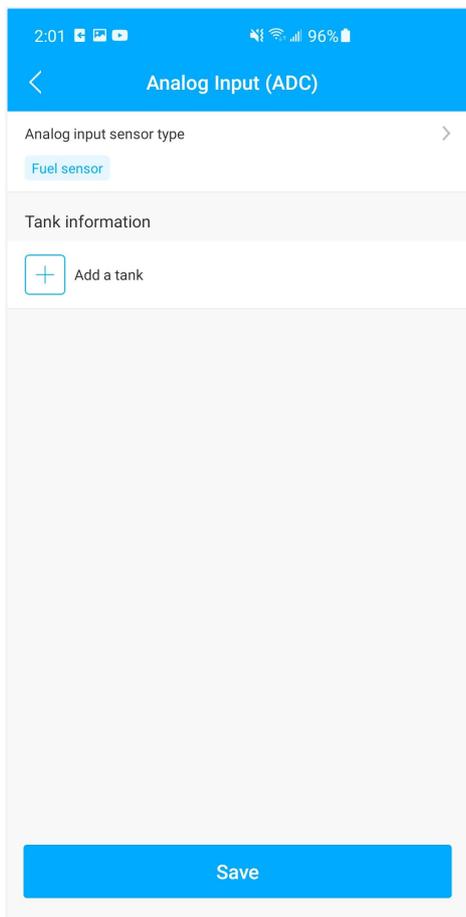
- **Manual Addition:**

Click "Add Fuel Tank" to fill in the fuel tank name, ID/MAC, tank type, height correlation, and refueling threshold.

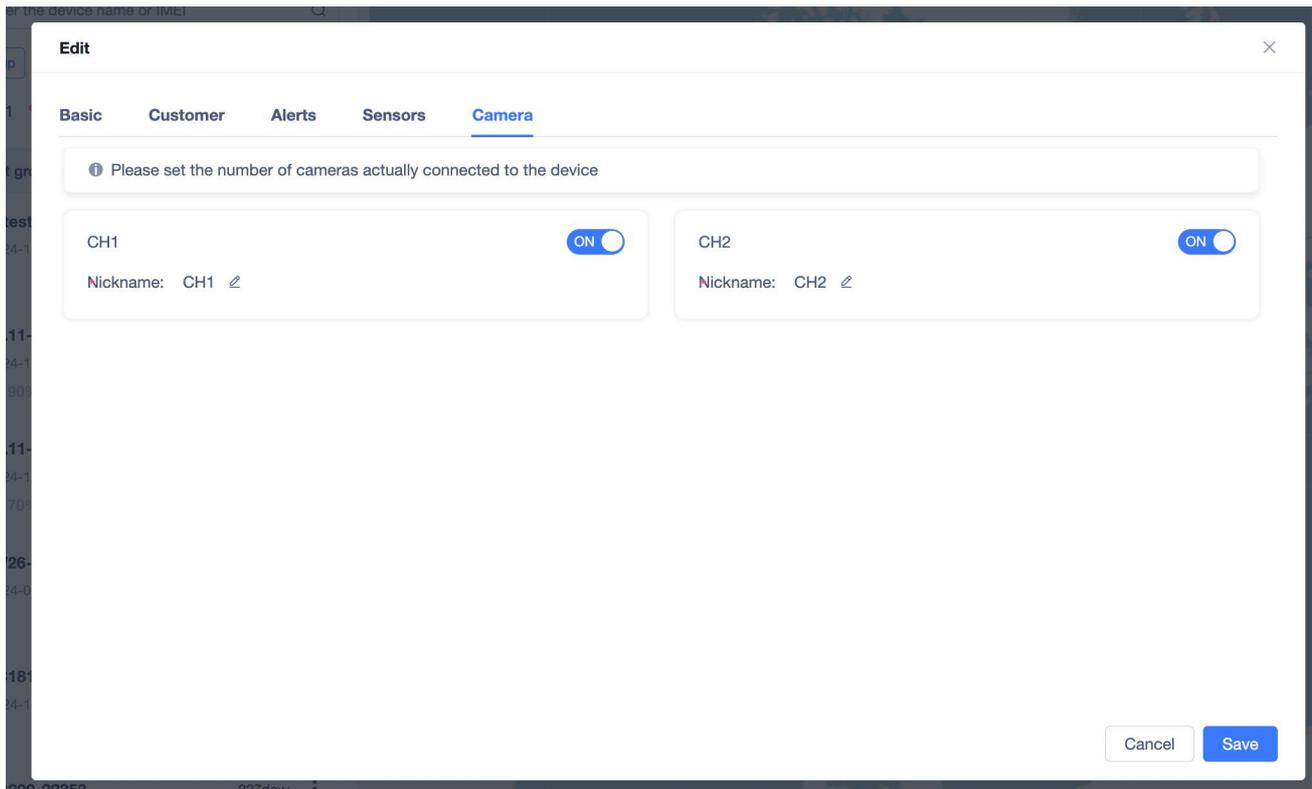
- **Automatic Filling via Device Data:**

Click "Load Device Data" to have the platform query the fuel sensor data for the device from the database based on the IMEI. The data will be displayed in this area as cards, showing fields such as sensor type, ID/MAC, fuel level, and report time.

On the device details page, a new "Fuel Level" data point has been added. If the device is equipped with a single fuel tank, it displays as fuel level data; if the device has multiple fuel tanks, only the first fuel tank's data is shown, with an option to click and view the data for all fuel tanks.







### 5.3.3 More Actions

On the device management page, you can also perform the following operations on the device

- Renewal: to extend the platform use time of the device;
- Sales / Transfer: Transfer the device from the current account to the sub-account, and the dealer settles offline with his customer and transfers the device to his / her account.
- Update user expiration time: update the use time of a customer for a device that is, the expiration time of the user;
- Send instructions: send instructions to the device;
- Set the working mode: set the working mode of the device;
- Fuel tank setting: set up the fuel tank information of the device-associated vehicle;
- Binding the device: bind the device and the App account;
- Shutdown: shut down the device;
- Start-up: boot-up of the device;
- Activation: To activate the device;
- Batch editing: batch editing of device details;
- Batch upload: the mass upload of the picture information related to the device, the picture must be named with the IMEI + serial number, each device can upload up to 9 pictures, and the picture with the same name will replace the last uploaded picture;
- Batch settings for common addresses: edit the common addresses of devices in batches, you need to fill in the device name, IMEI, and three common address related fields. The address name, latitude & longitude are required. If the radius and color are not filled in or filled in incorrectly, the default value will be used.

- Set up grouping: set up device grouping;
- Console: Click to the console page of the device;
- Track playback: Click Jump to view the historical track of the device;
- View the fence: Click to view the electronic fence information associated with the device, and the user can delete the association by clicking the delete link.;
- device alert: click to view the relevant alert information of the device;
- Allow activation: allow the device to be activated.

No.	Account	Device name	IMEI	Device Model	Activated time	Subscription Expiration	Expiration Date(U)	Actions
1		JC261		JC261	2022-10-26 13:38:16	2023-10-27	2023-10-27	Track playback, Send Command, Geo fence
2		GT06N		GT06N	2022-10-17 11:47:14	2023-10-18	2023-10-18	Alerts
3		AT4		AT4	2022-09-26 18:31:39	2032-09-27	2032-09-27	
4		JC450		JC450	2022-09-21 15:42:32	2023-09-22	2023-09-22	
5		VL01		VL01	2022-09-14 16:44:17	2023-09-14	2023-09-14	

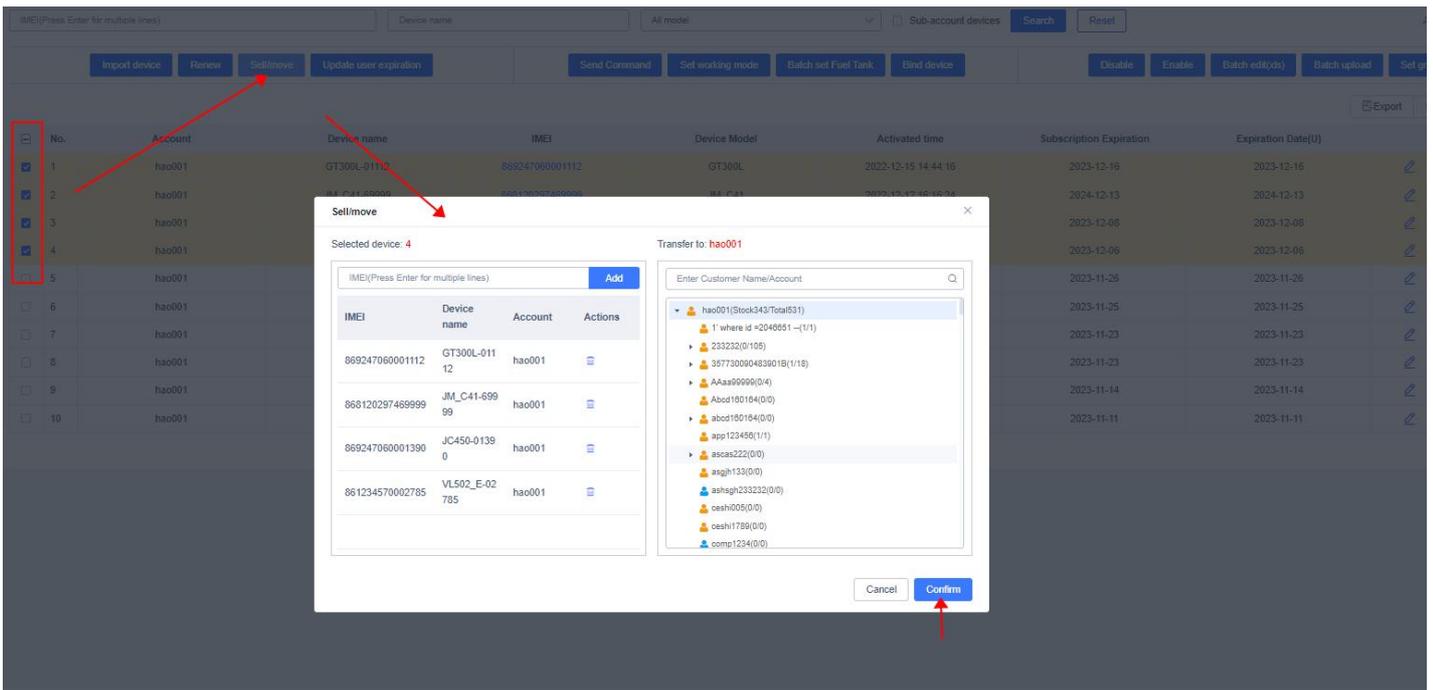
## 5.4 Move Device

Devices can be transferred from one account to another via the sell / move device function. These operations usually occur between the distributor and his customer, and after creating an account for the customer, the distributor may need to move the device to the customer's account.

After the transfer is completed, Distributor(superior account) is able to specify an effective time for the moved devices, this time will become user expiration date for the customer's account associate with those devices. The specified user expiration date should not large then Distributor's effective time, once customer's devices expired, they could ask Distributor to extend the effective time for them.

If the user provides multiple IMEI at a time, you can move the device in bulk. In the pop box, you can click the sell / move button to sell / move the selected device entry.

No.	Account	Device name	IMEI	Device Model	Activated time	Subscription Expiration	Expiration Date(U)	Actions
1		VL502_E		VL502_E	2022-05-30 09:28:47	2023-05-31	2023-05-31	



Note:

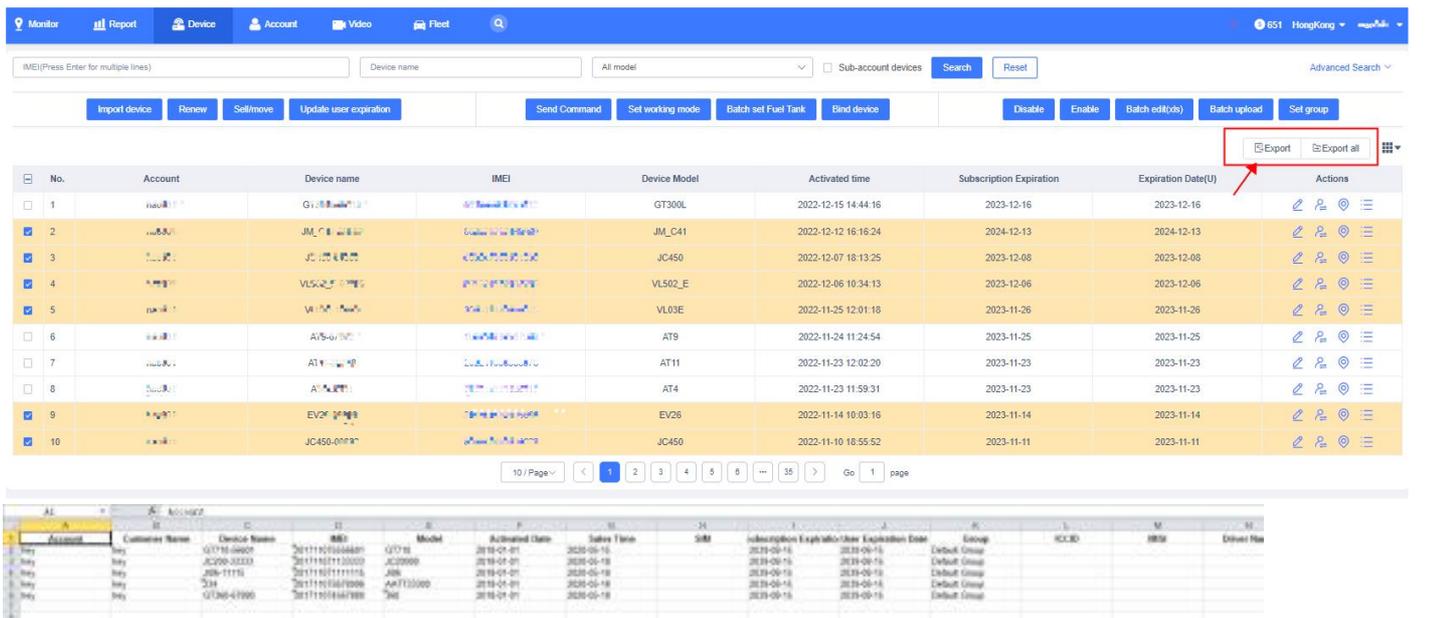
unrestricted (Not Set) indicates no user expiration date for the target account associated with these devices,

The system considers it to be equal to the user expiration date of the superior account.

## 5.5 Export Device

The user exports the device list as a Excel to the local location. Users can export selected devices in batches or export all query result devices at once., A maximum number of rows of 5,000.

Select the device to export (where the system is highlighted), and then click the Export button to download the Excel in your browser.



# 6 Monitor

Monitor Help users to quickly locate the device, and view the status and location of the device on the map, the user can choose one or more devices to display on the map at the same time. In addition to viewing the device location information, the user can also query the device alert information, or select a device to play the track.

The platform provides a variety of quick ways to locate the device, and you can browse through the list of devices on the left to find the device, or enter the device name or IMEI directly in the search box. In addition, you can group devices or add to favorites for tracking.

Monitor Mainly includes the following contents: Account Tree, Objects, Alerts, Tracks.

## 6.1 Account Tree

Account Tree used to show the information and relationship between the current account and its sub-account; Account Tree is located in the upper left of each module, the user clicks the pull-down arrow before the account, can see the current account and the sub-account information, can click to switch to any account;

You can accurately search a certain account by entering a complete customer name or account, and the search range only supports the current account and the sub-account;



## 6.2 Objects

Objects is mainly divided into three parts: device list, map and dashboard; the device list will show the device information under the current account, the map can view the device location and other operations, the right side is the dashboard, display the detailed information of the device and fence, POI information, users can control the expansion and closing of the dashboard;

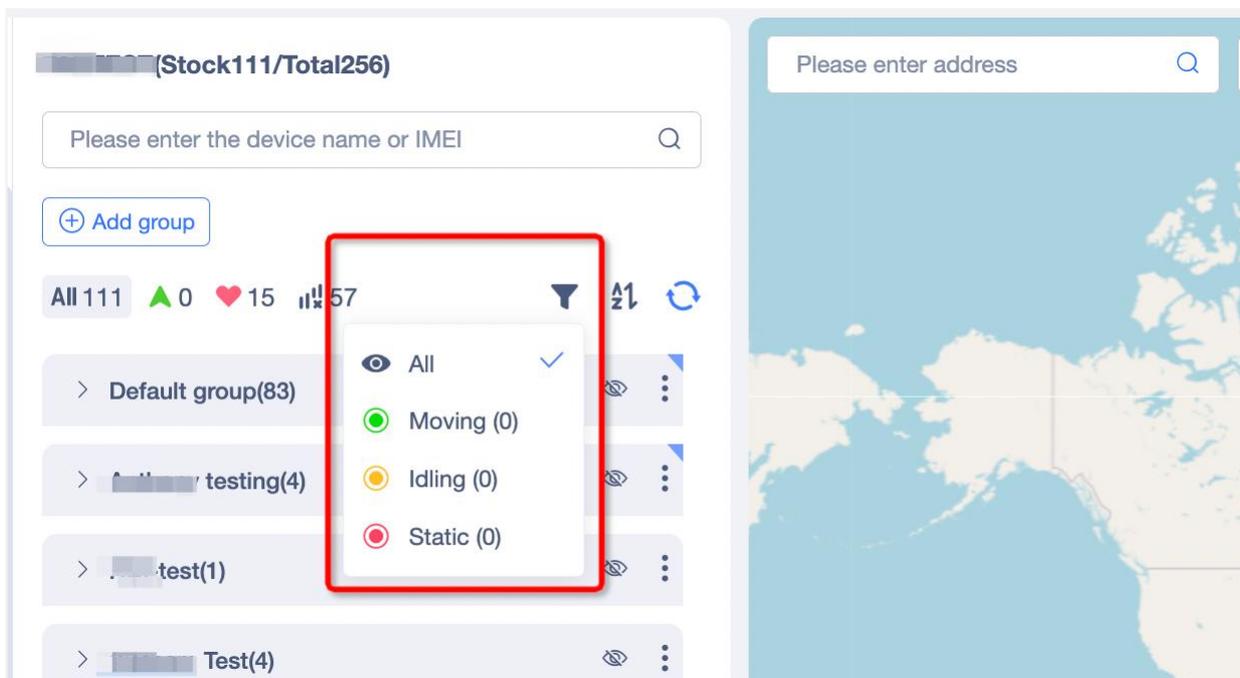
### 6.2.1 Device List

The device list displays the device for the selected account in the top account tree (excluding subaccounts). The system has provided by default "all devices", "online devices", "followed devices", "offline devices" several categories, users can freely group the devices in these categories;

The device has the following states:

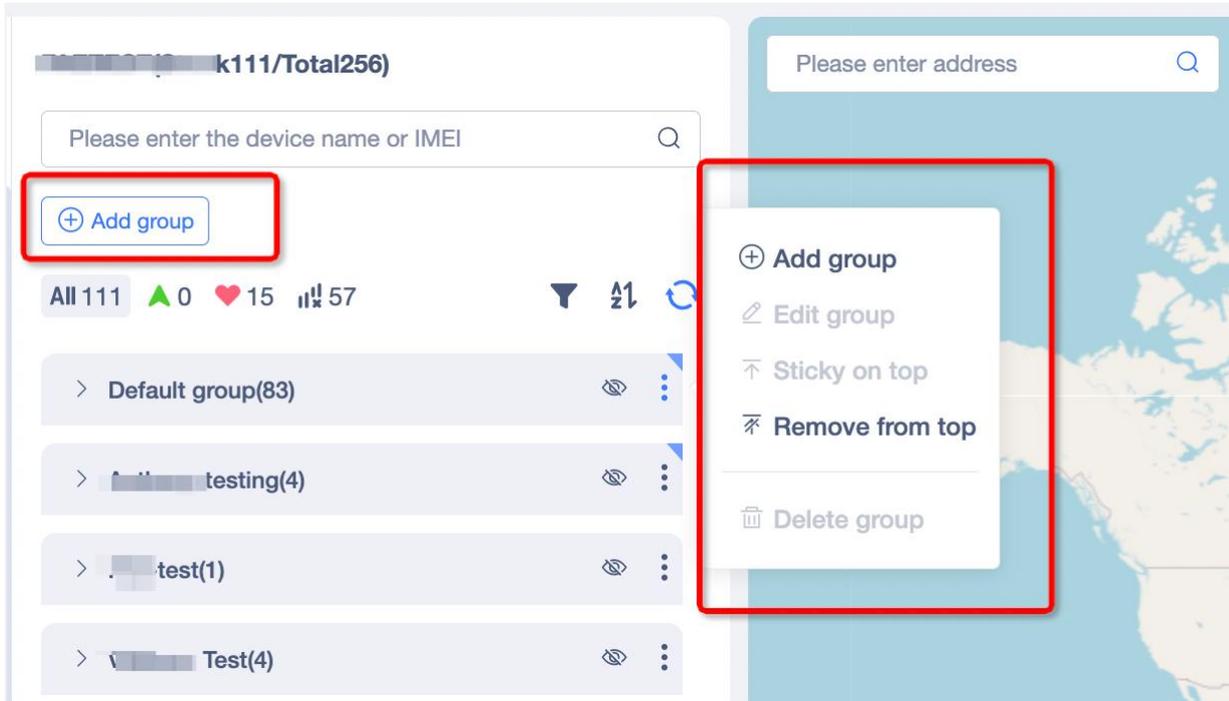
- **Moving** - device is in moving state, display in Green color.
- **Stop** - device is not running and speed is 0 or ACC is off but still have heart beat data packet uploaded to server, shows in Red color.
- **Idling**- device is not running and ACC is on, still have heart beat data packet upload to server, show in Yellow color
- **Offline** - no heart beat data packet uploaded to server, displays in Gray color.
- **Inactive** - not active, not ever upload GPS data packet to server, displays in Gray color.

At the same time, users can also use filters to directly select devices in a certain state to display on the map.



## 6.2.2 Create/Move/Edit/Delete Device Group

Click the "new Group" button at the top of the device list to add the group name; edit the added group, set the top (the top is cancelled top), and delete the top group to distinguish the blue symbols and ordinary group in the upper right corner of the group name;



## 6.2.3 Device Searching

Click the search box at the bottom of the account tree, you can directly search the device directly by entering the complete device name / IMEI or keyword, support fuzzy search;

The search range is the current account and the sub-account device;



## 6.2.4 View Device information

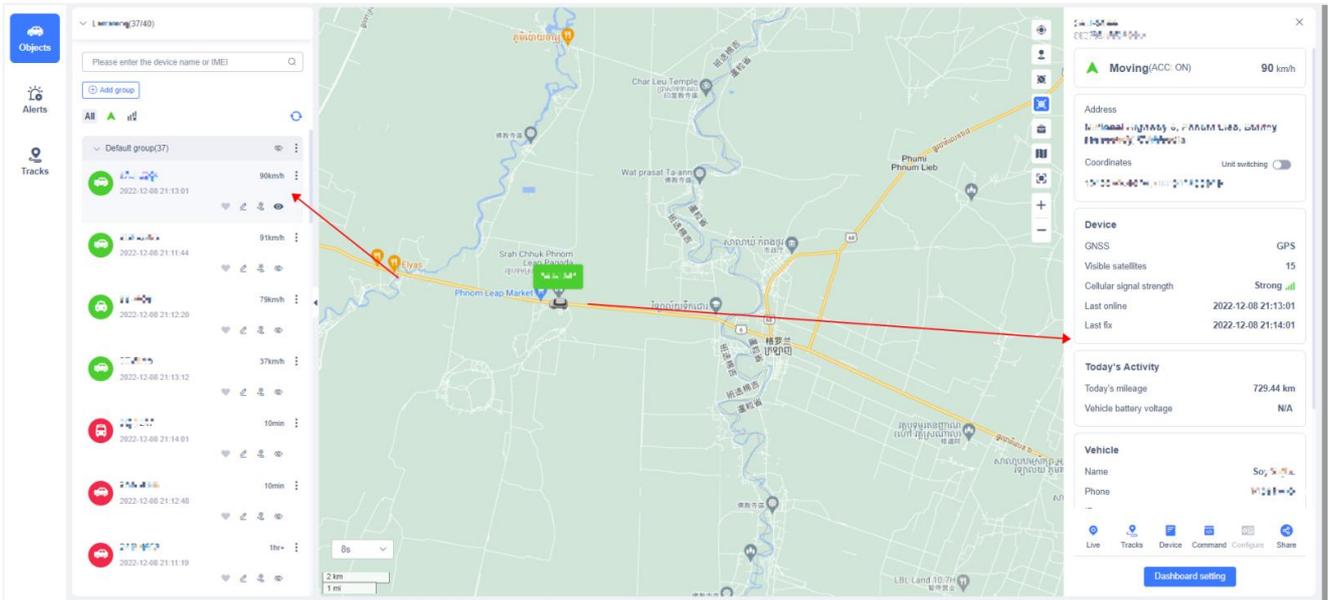
Users can click on the devices in the list to display on the map, while the device card on the right side will display, the device will display the device name in the form of small bubbles, the background color of the small bubbles also represents the status of the device. click on the device icon on the map to control whether the small bubbles are displayed;

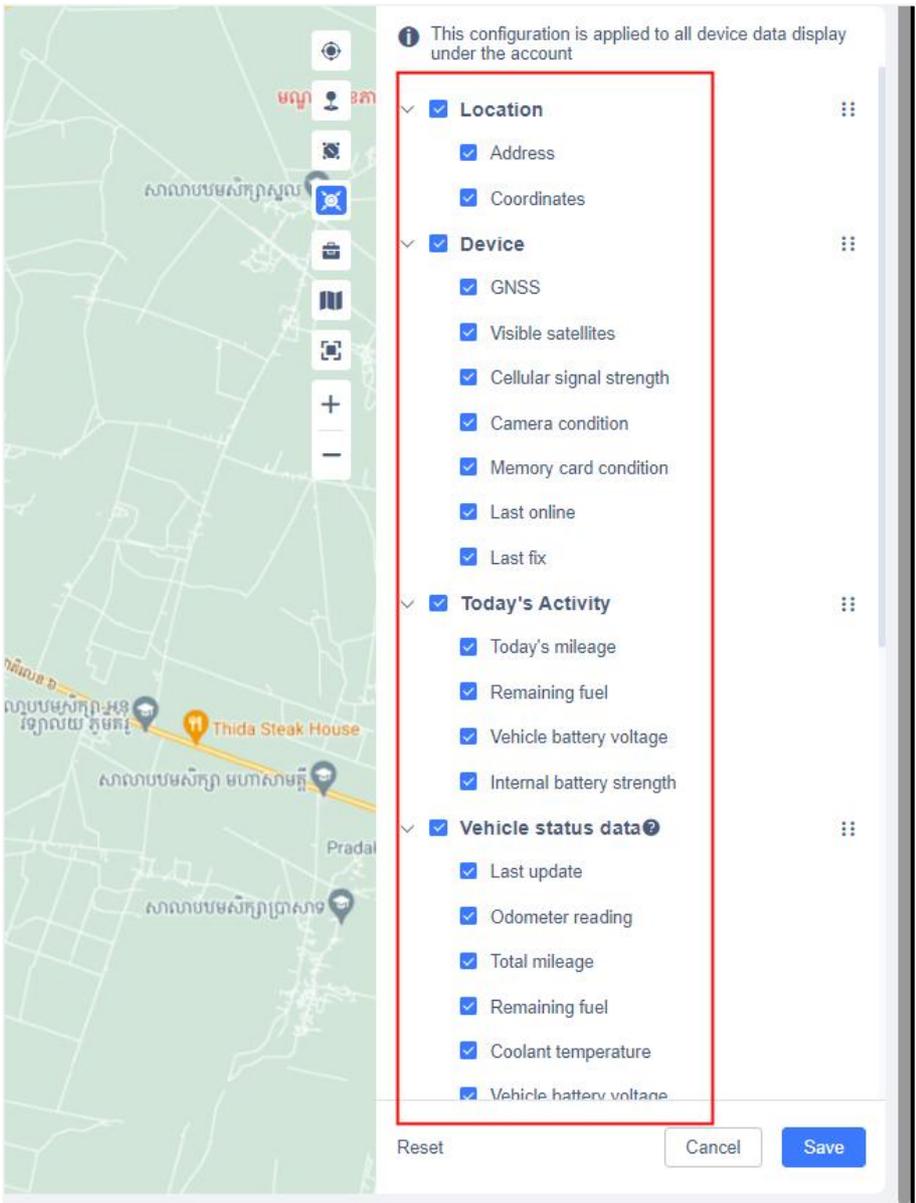
Additional information about the device will be displayed in the right dashboard, mainly including

- Basic information: device name, IMEI, device status, and duration (the speed is also displayed if the device is in a moving state);
- Positioning information: location, longitude and longitude (support multiple accuracy display, can be switched on the right side of the title);
- device information: positioning mode, the number of positioning satellites, communication signal strength, camera status, memory card status, the last launch time, and the latest positioning time
- Today's activities: today's mileage, remaining oil volume, external access voltage, internal battery voltage;
- Vehicle data: update time, instrument mileage, accumulated mileage, fuel volume in the fuel tank, coolant temperature, external access voltage, instantaneous speed, instantaneous speed, reporting time of fault information, fault information;
- Extended information: temperature and humidity data, side door status, air conditioning status;
- Vehicle information: name, telephone number, ID card number, vehicle brand, vehicle model, vehicle number, VIN code, SN code;

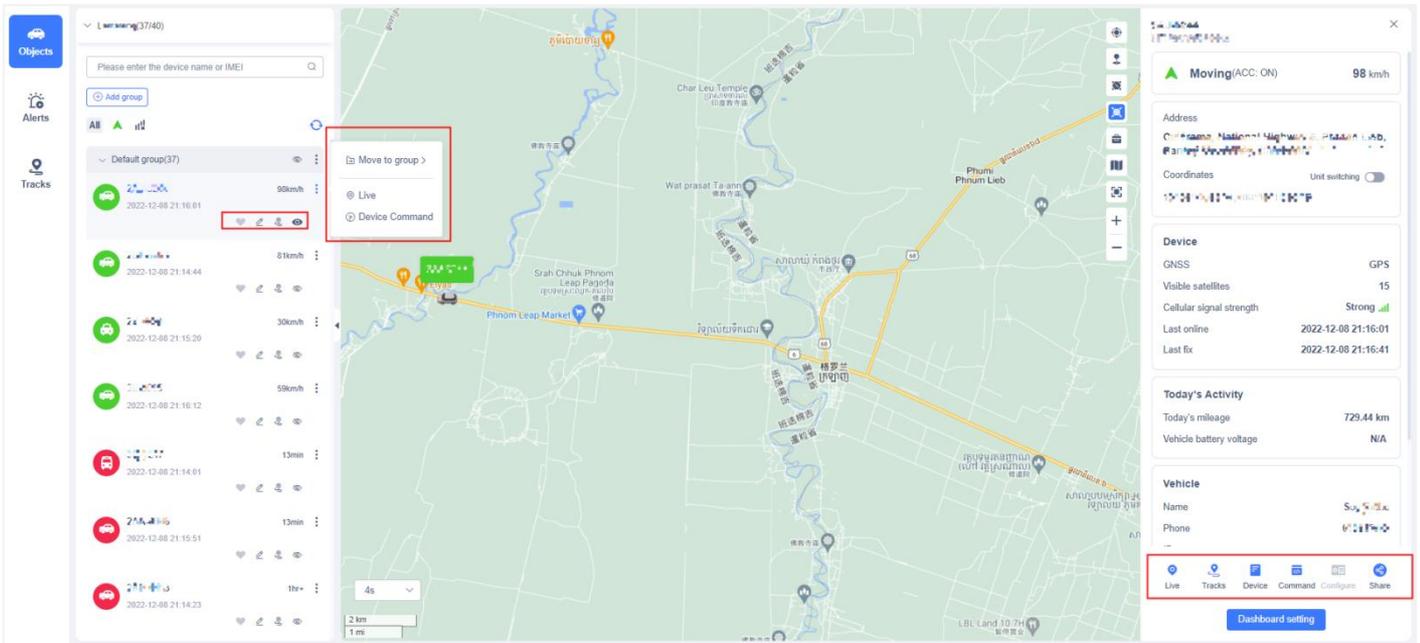
Users can set the information displayed in the dashboard and the information display order through

the dashboard setting, and click the upper right corner to close the dashboard; users can click the device listed on the left side of the device or the device on the map to re-open the dashboard;



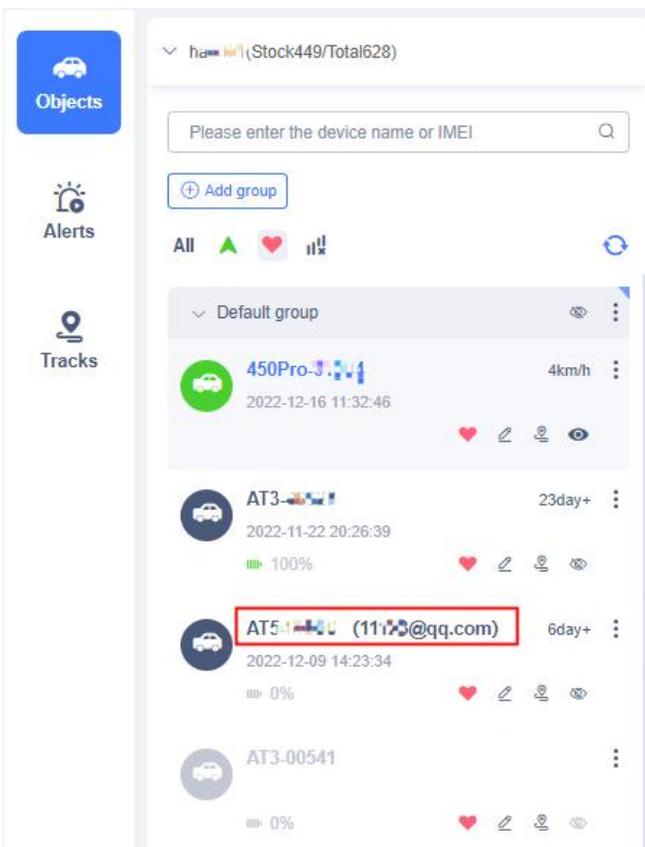


### 6.3 Device Operation



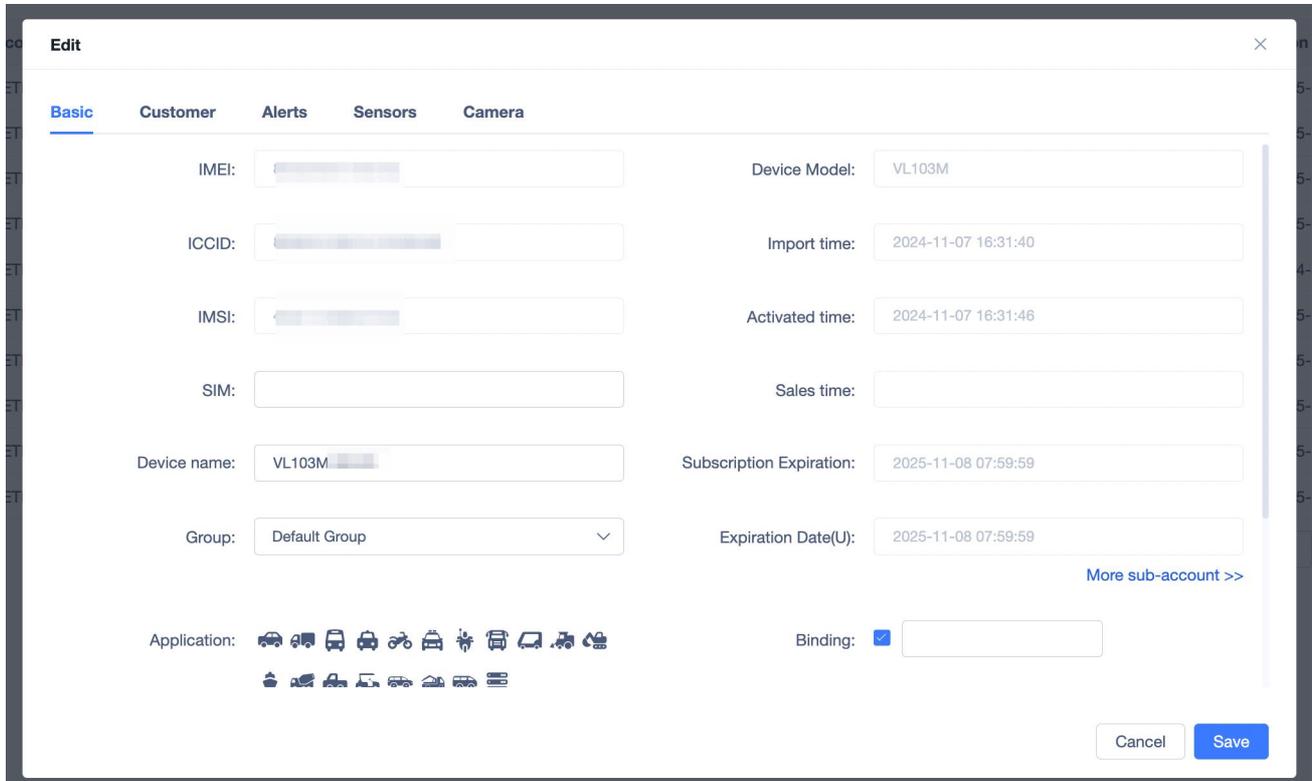
### 6.3.1 Follow/Unfollow Device

The followed device displays a heart icon in the list, and the icon disappears. Users can see all followed devices in the attention list, except the devices that follow the current account, but also follow the devices of the sub-account; the name of the sub-account after the device name.



### 6.3.2 Edit Device details

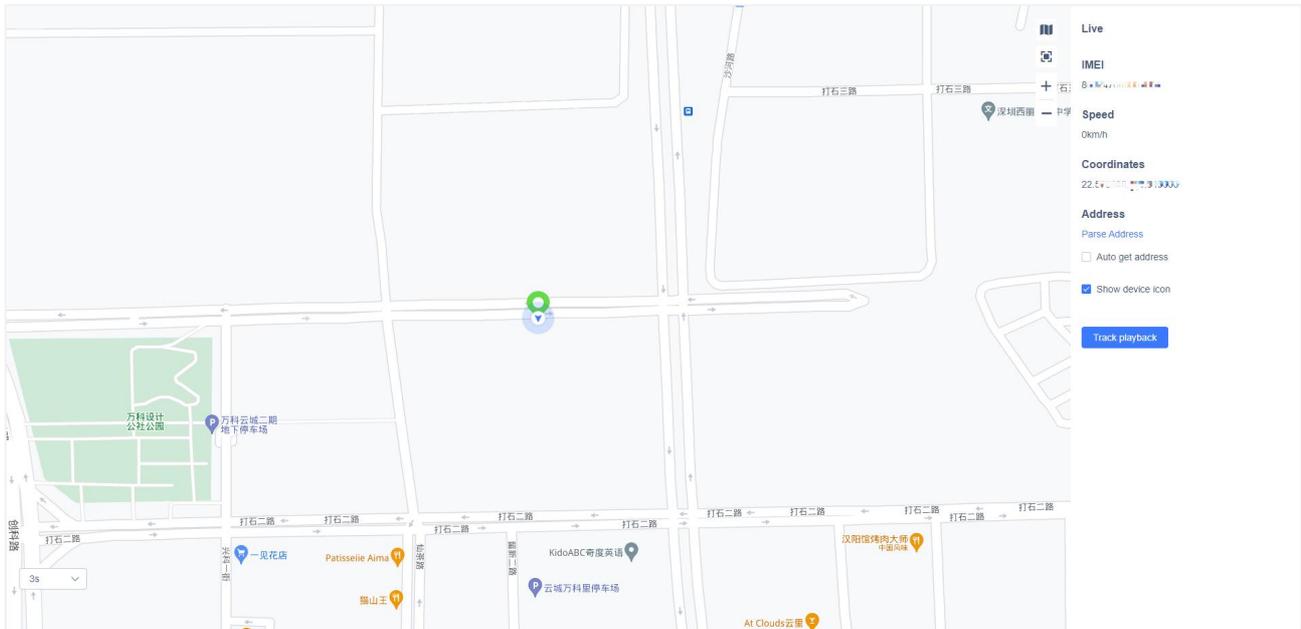
When you need to edit the device information, you can click the edit button to set the basic information, customer information, alerts and sensor in the popup window.



### 6.3.3 Live

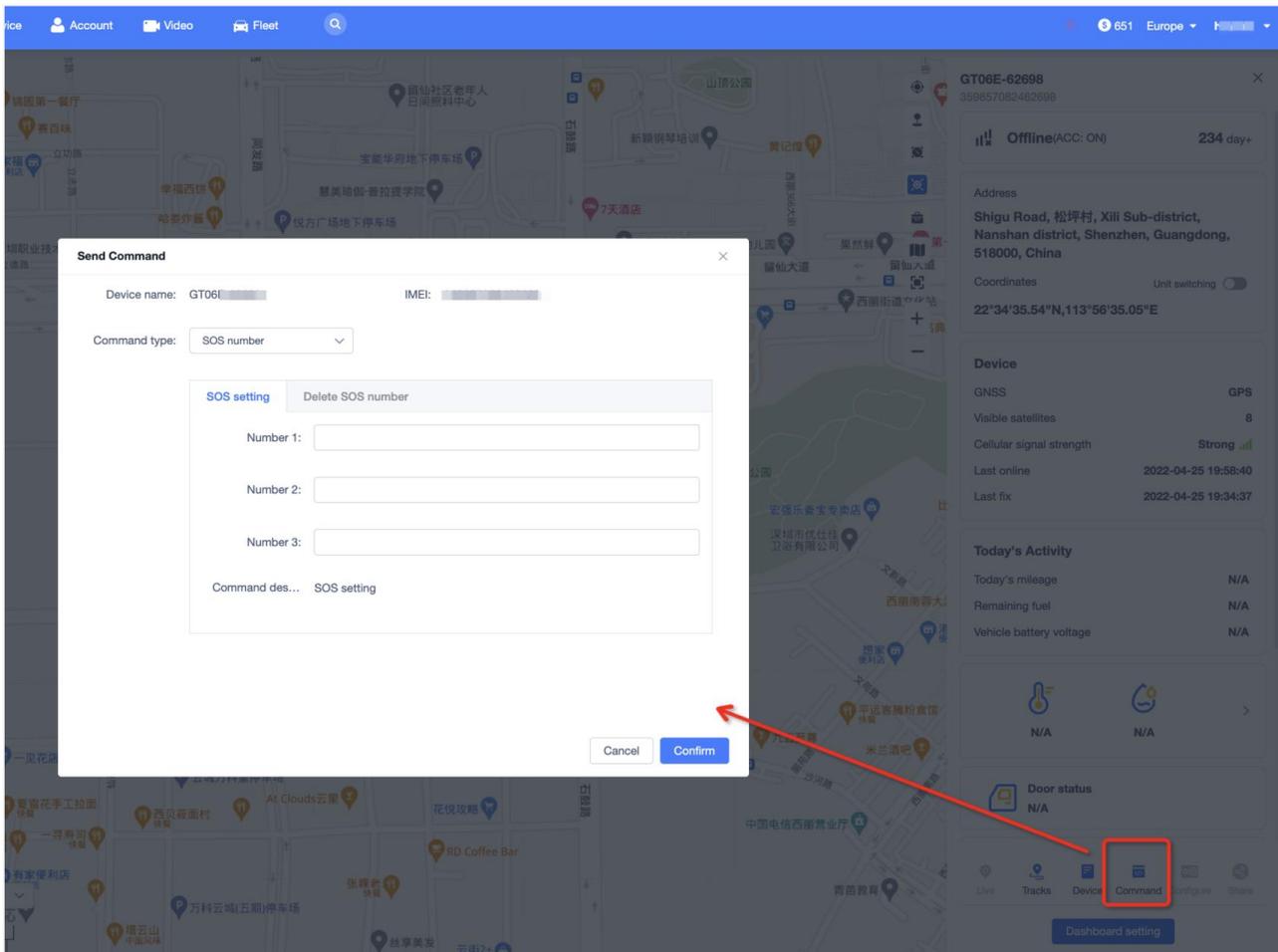
Click on Live, will jump new page show real-time movement of device, in the new page users can view the device map positioning information and device IMEI, speed, longitude and latitude and address, users click analytical address will appear detailed address information, of course, also can check automatically get address, when the page load the system will automatically help you resolve address and display.

On the Live page, you can click the "Track playback" button to directly jump to view the track information of the current device;



### 6.3.4 Device Command

Click Device Command, you can select the instructions to be sent to the device in the pop-up window. Different devices support different instructions, and different instructions need to set different contents. After completing the relevant setting of the instruction content, clicking Confirm will send the instruction to the device.

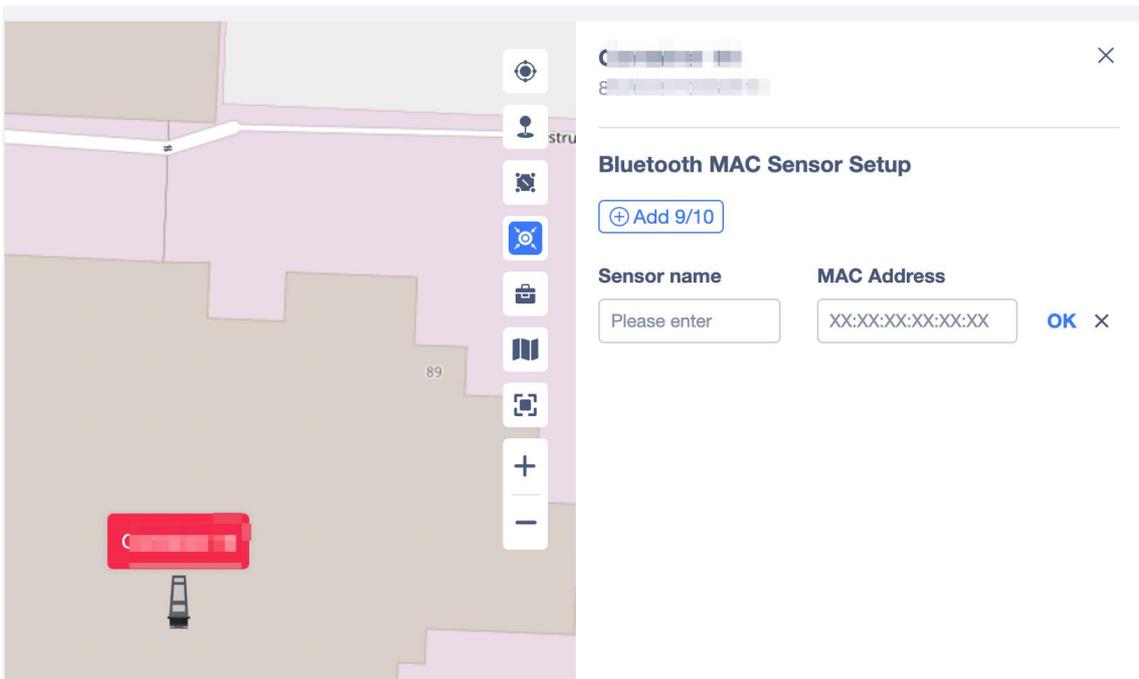
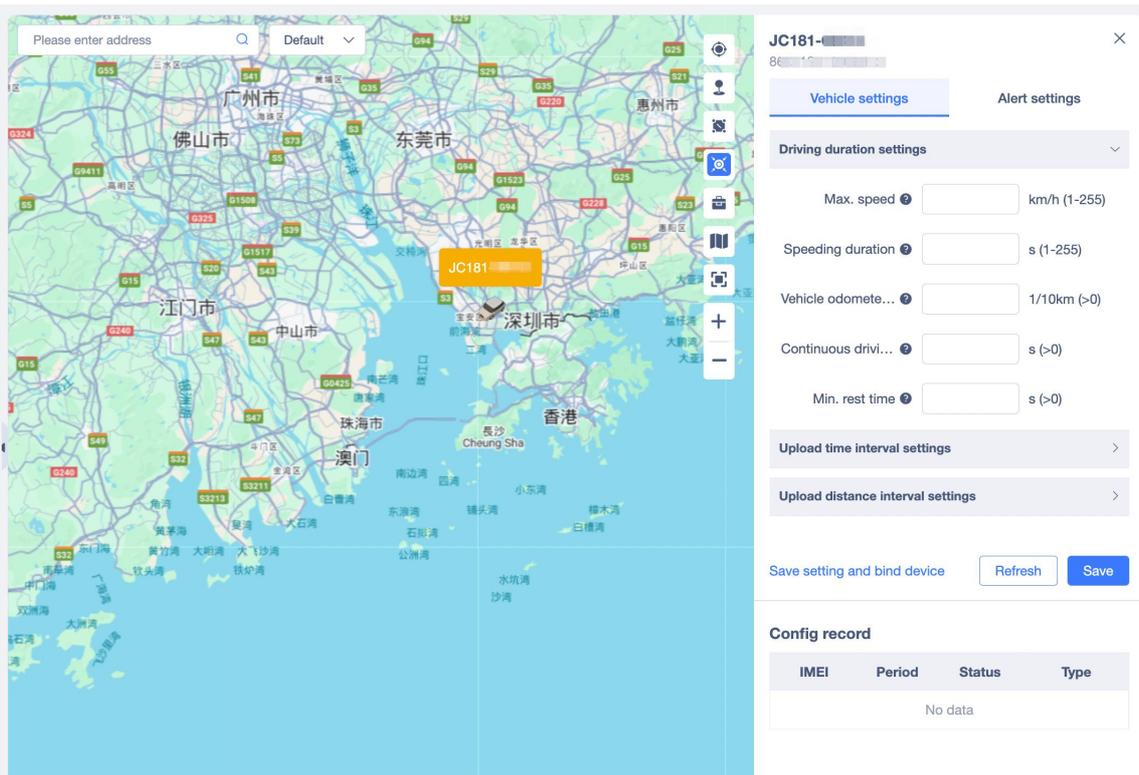


### 6.3.5 Conifugure

When you need to configure the relevant information of the device and vehicle, you can click Configure and click to save the relevant information after the configuration. For different models, the configurable content is different.

For example, for JC181\JC371\JC450 series devices, the configuration is for vehicle settings and alarm settings.

For devices such as LL303 that support adding Bluetooth sensors, this can be used to configure the Bluetooth sensor information connected to the device.



### 6.3.6 Share

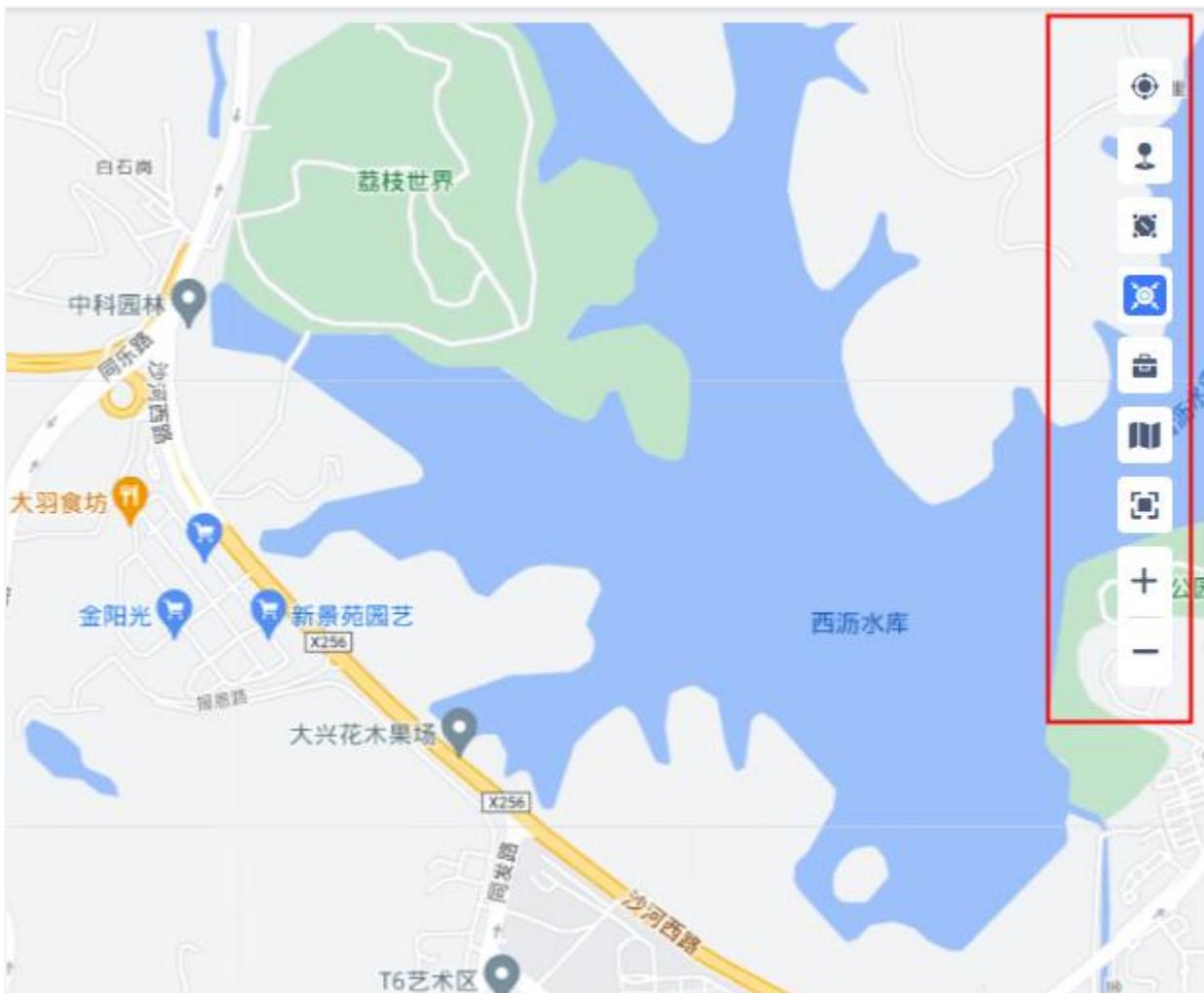
When the user wants to share the current device with others, click the Share button to set the expiration date, and then share the link with other people, and others will be able to view the real-time location information of the device during the expiration date.



## 6.4 Map

The platform on the right side of the map provides the following functions to help users better display the device location and other business scenarios; from top to bottom:

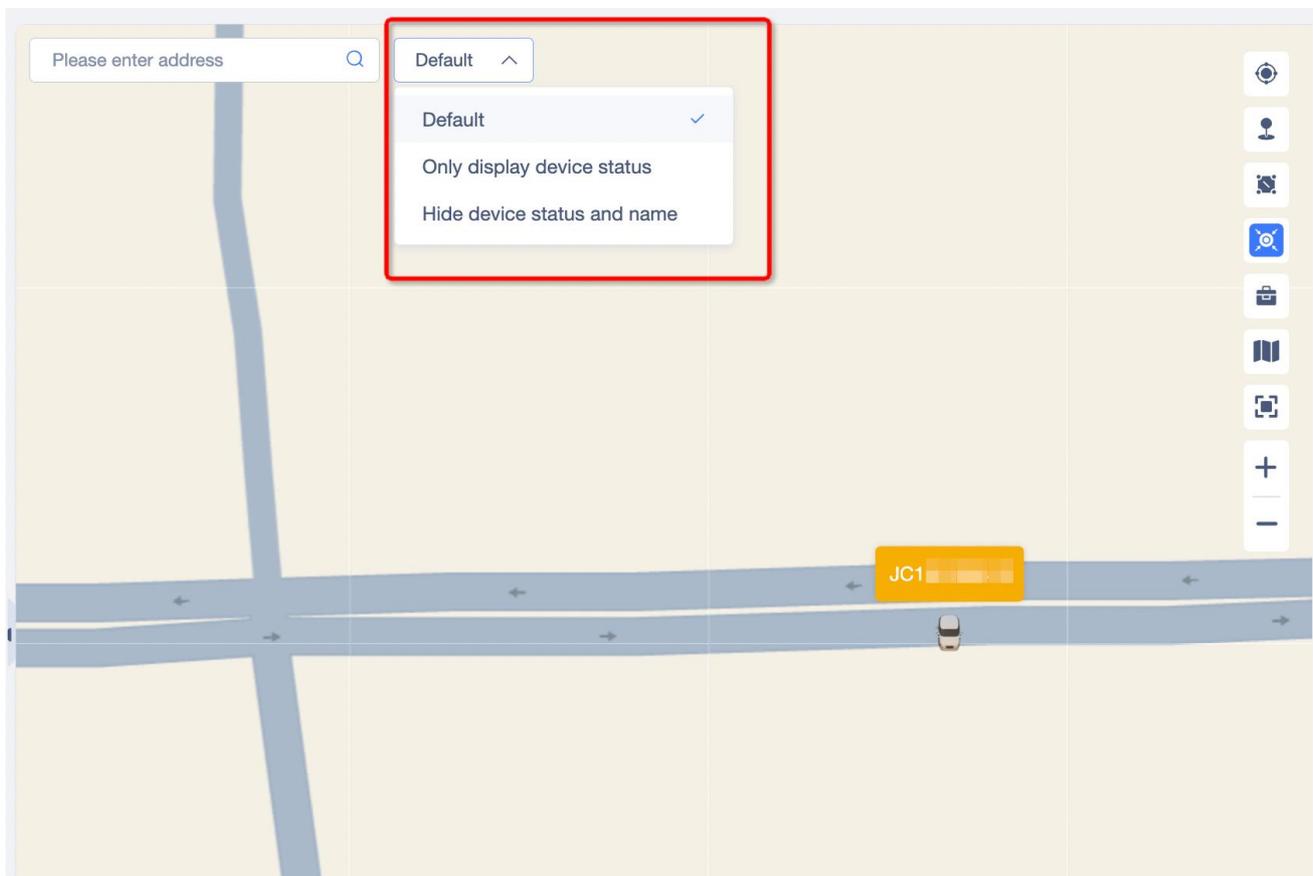
- Fence: You can add, delete, modify, and query the fence or fence grouping, or bind the device to the fence;
- POI: you can add, delete, modify, and query the POI or POI grouping, or bind the device to the POI;
- Area search: look for vehicles in the delineated range on the map. After defining the range, the vehicle information within the range will be displayed in the pop-up window;
- Aggregate function: When the vehicles are relatively dense on the map, the vehicles in a certain area can be aggregated into a digital display of the number within the range, or the aggregation function is closed to tile the vehicles on the map;
- Toolbox: the toolbox includes three functions: street view, road condition and ranging;
- Switch the map: Switch the map type;
- Full screen display: click to enter the full screen display, you can click ESC to exit the full screen;
- Zoom in and out: zoom in and out of the map by clicking "+" and "-";



At the same time, users are supported to select the style in which the device is displayed on the map for use in different monitoring scenarios.

In the top left corner of the map on the Monitor page, a new "Bubble Display" setting has been added, allowing users to choose between "Default," "Show Device Status Only," and "Hide Device Status and Name." This display setting applies to all devices currently shown on the map.

- Default: Displays the bubble normally, including both the bubble and the device name.
- Only Display Device Status: The bubble only displays the color to distinguish the device's status, without showing the device name text inside.
- Hide Device Status and Name: The bubble is not displayed at all.



## 6.5 Alerts

In the Alerts module, you can view the alert information triggered by all devices under the current account; users can screen the alert information through the device, alert type and alert time, and quickly find the alert information you want to see;

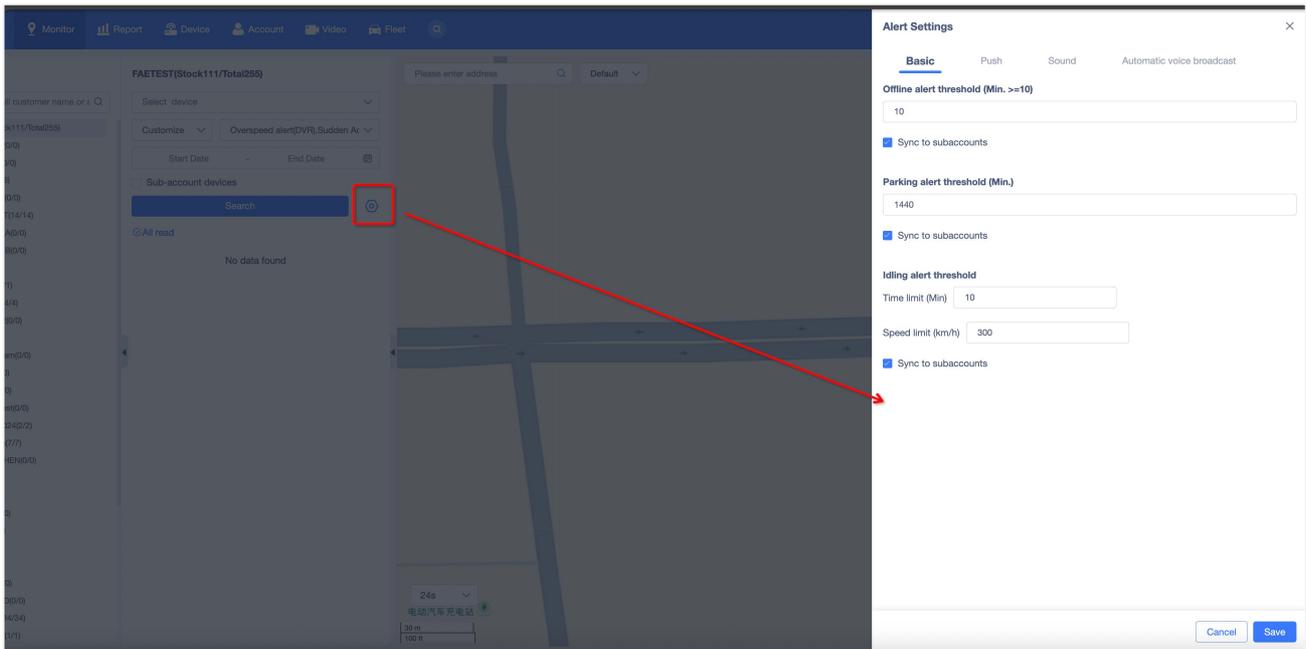
## 6.5.1 Alert Settings

Users can set the trigger standard of some alert types, whether the alert information is pushed, the push mode and the sound of the alert.

Click "Settings" icon, pop up alert setting pop-up, after setting, click "confirm" to complete the setting;

### Basic Settings:

set the standards for triggering offline alert, parking alert and parking without shutdown alert;



### Push setting:

Set whether the alert type needs to be pushed and the email address to be pushed; the push setting only determines whether to push the alert information of this type. After the push is enabled, the user will receive the opened alert information in the Web message notification , and the opened one will not be pushed. Even if the push is not opened, the system will still help the user to keep all the alert data, the user can query in the console-alert or report-alert details report;

Depending on the business scenario, users can also set up real-time pop-up reminders for alarms. If the user checks the third column "Real-time push", when the device reports or triggers this alarm, the platform will not only have a small bell message reminder, but also a pop-up box will pop up in the upper right corner of the screen. Users can click on the pop-up box to directly view the alarm details, so that users can receive and handle the alarm information in time.

**Alert Settings**

Basic **Push** Sound Automatic voice broadcast

The Push setting is used to determine whether to send alert notifications to ...

Receive device alarms from sub-accounts  OFF [Verify](#)

Fuel/Power Alerts  ON

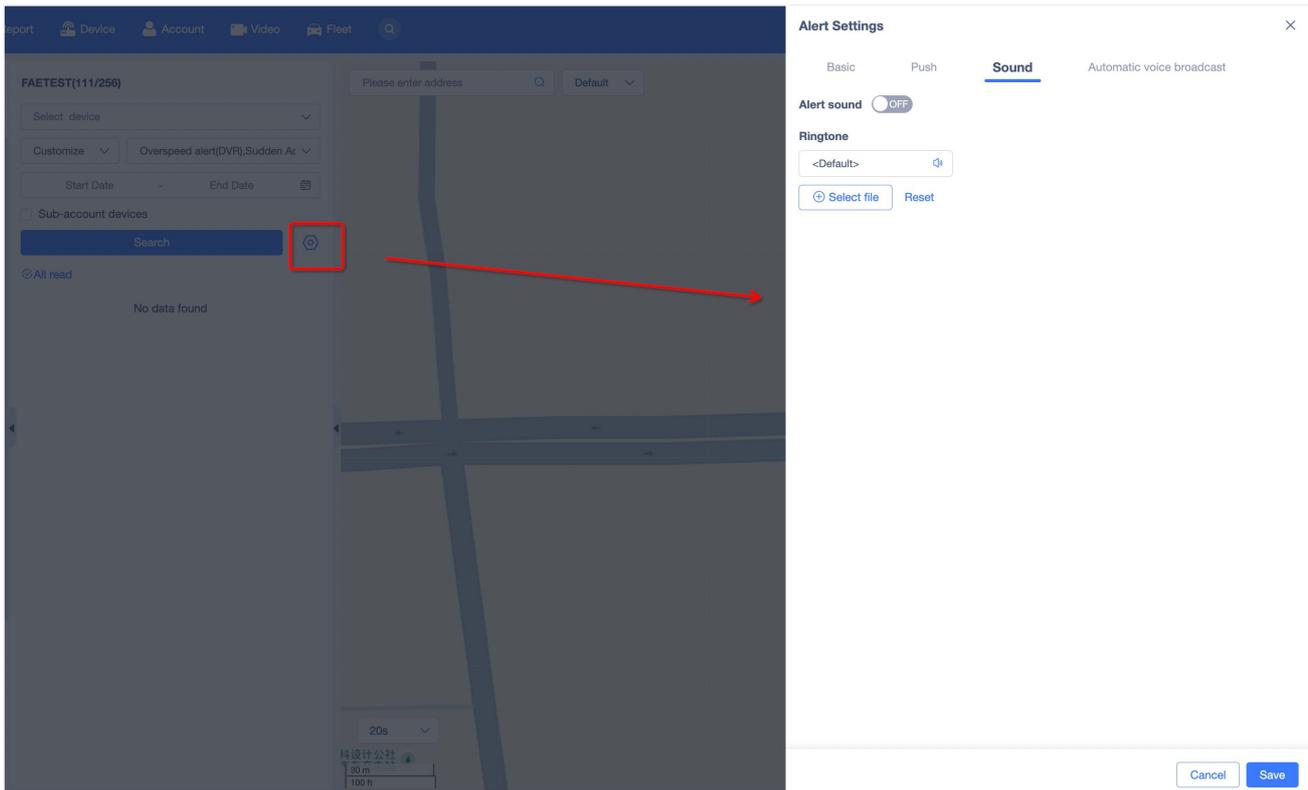
No.	Alert type	Set Email	Message	Real-time push
1	Increase in oil le...	Add Email(0/3)		
2	Oil Sence Timeout	Add Email(0/3)		
3	Power off alert(...	Add Email(0/3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Immobilization ON	Add Email(0/3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Immobilization ...	Add Email(0/3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Low external po...	Add Email(0/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Low power prot...	Add Email(0/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	Airplane mode ...	Add Email(0/3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Power cut off alert	Add Email(0/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Internal low batt...	Add Email(0/3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Plug in charger	Add Email(0/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	Stealing oil alarm	Add Email(0/3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Start charging	Add Email(0/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14	Stop charging/r...	Add Email(0/3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15	full of reminders	Add Email(0/3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

When enabled, a prompt box will appear when an alarm occurs, and message push is enabled by default.

Cancel



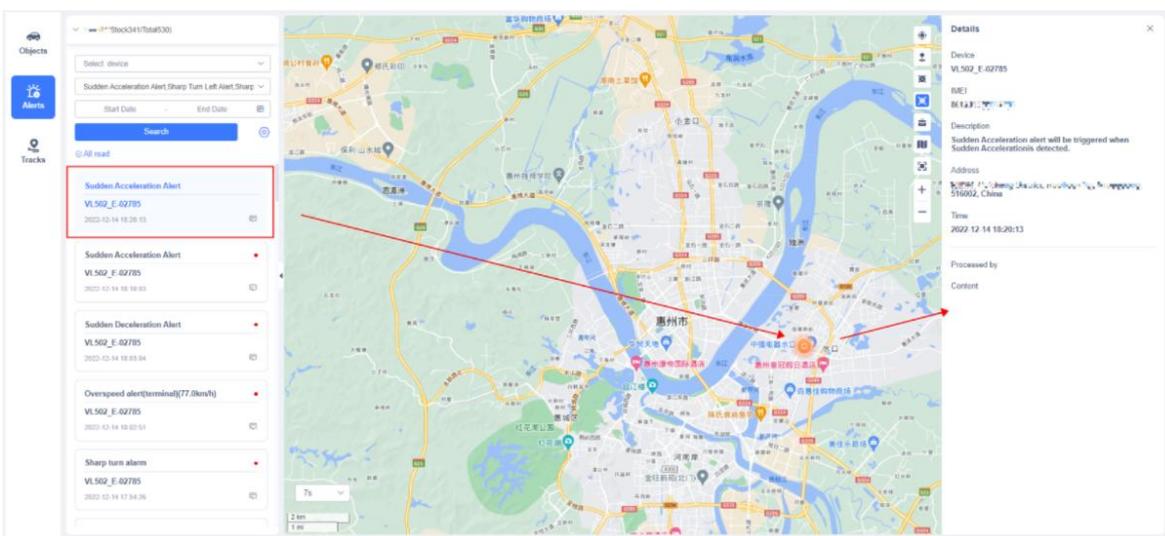
- Sound setting: set whether the sound is turned on when triggering the alert, you can use the default alert music, and users can also upload the alert music by themselves;



## 6.5.2 View Alert Details

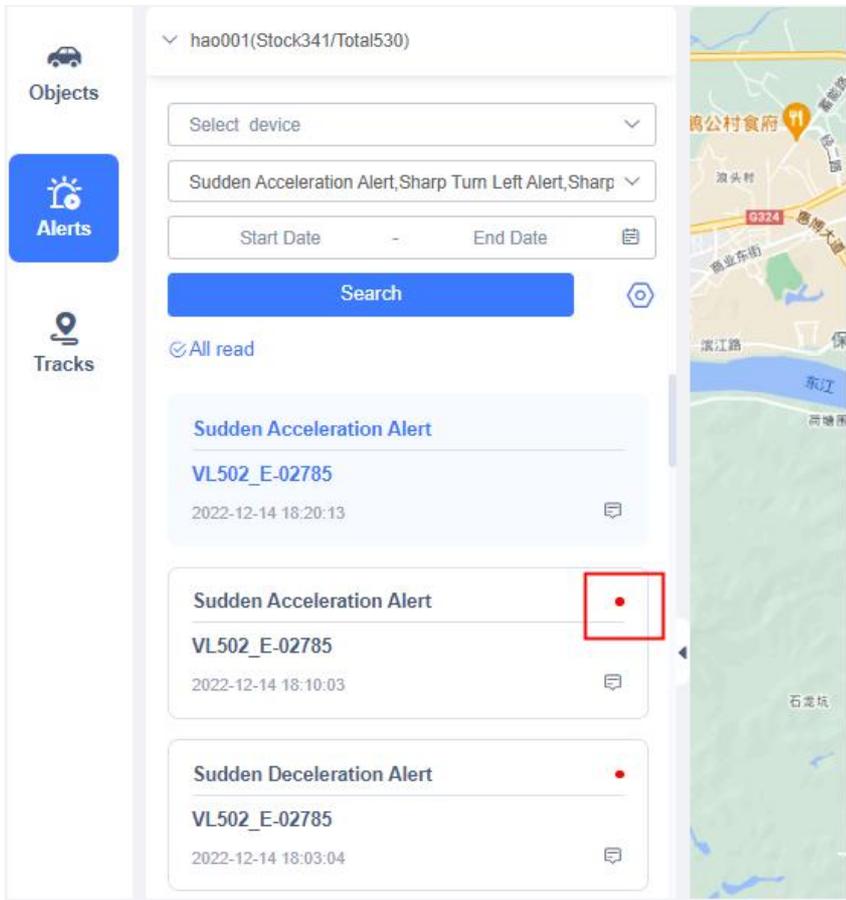
Users can screen the alert information through the device, alert type and alert time, and quickly find the alert information they want to see;

Click an alert message to mark the address that triggers the alert on the map, and display the detailed information of the alert, including the alert device name, IMEI, alert description, alert location address and alert time, etc.

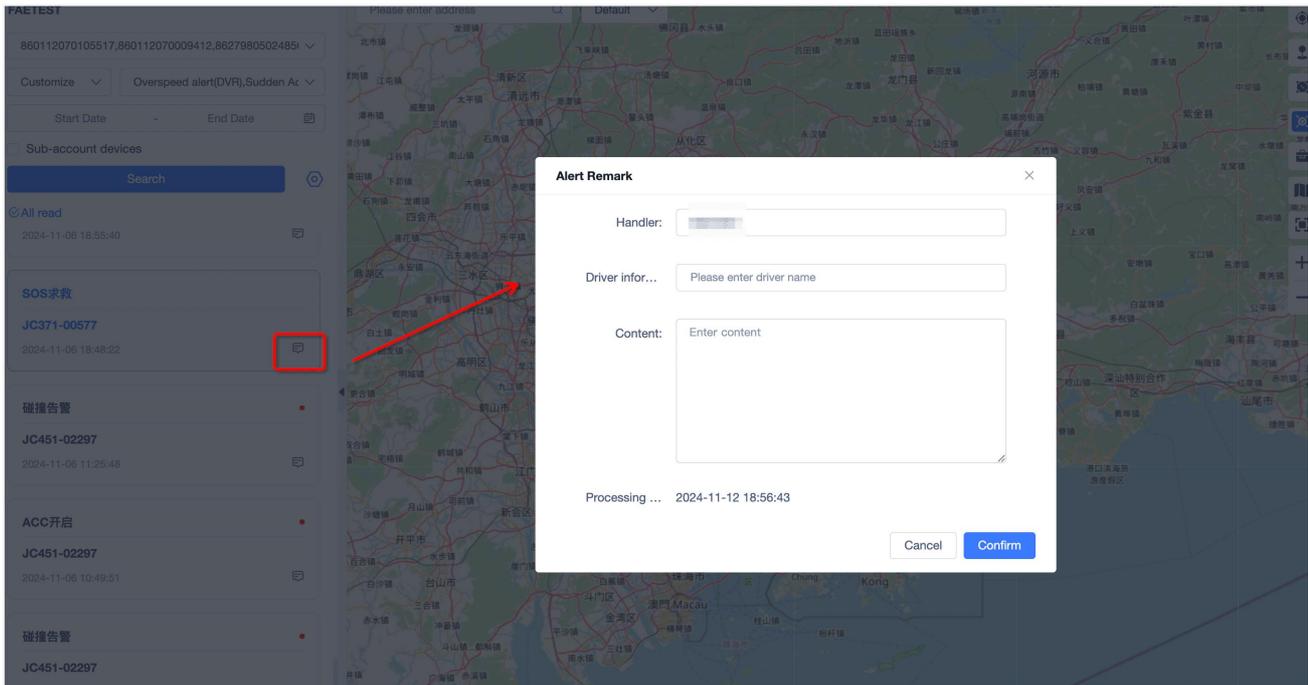


The alert that opens the push and is unread by the user will be displayed at the small bell at the top of the system, and the unread alert information will be displayed in the upper right corner of the alert

card, and the state will change from unread to read. Of course, the user can also click the "All read" button to change the current alert status to read state at one time;



If the user needs to process some alert information, you can click the icon in the lower right corner of the alert information card, fill in the operator and operation content in the pop-up window and save it.



### 6.5.3 Obtain alert video/picture manually

If the device that generates the alarm is a DVR device and has related event video/image files, these files will be displayed together in the alarm details, and users can also obtain more event videos/images that have been recorded when the alarm occurred but have not been uploaded to the platform.

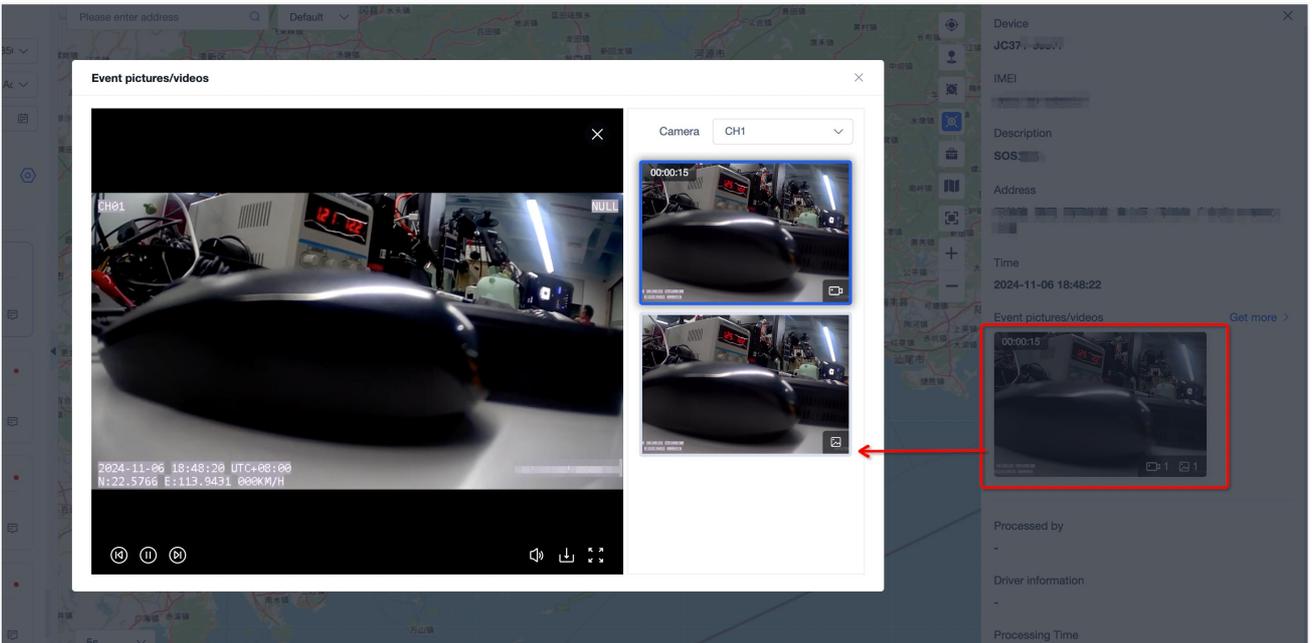
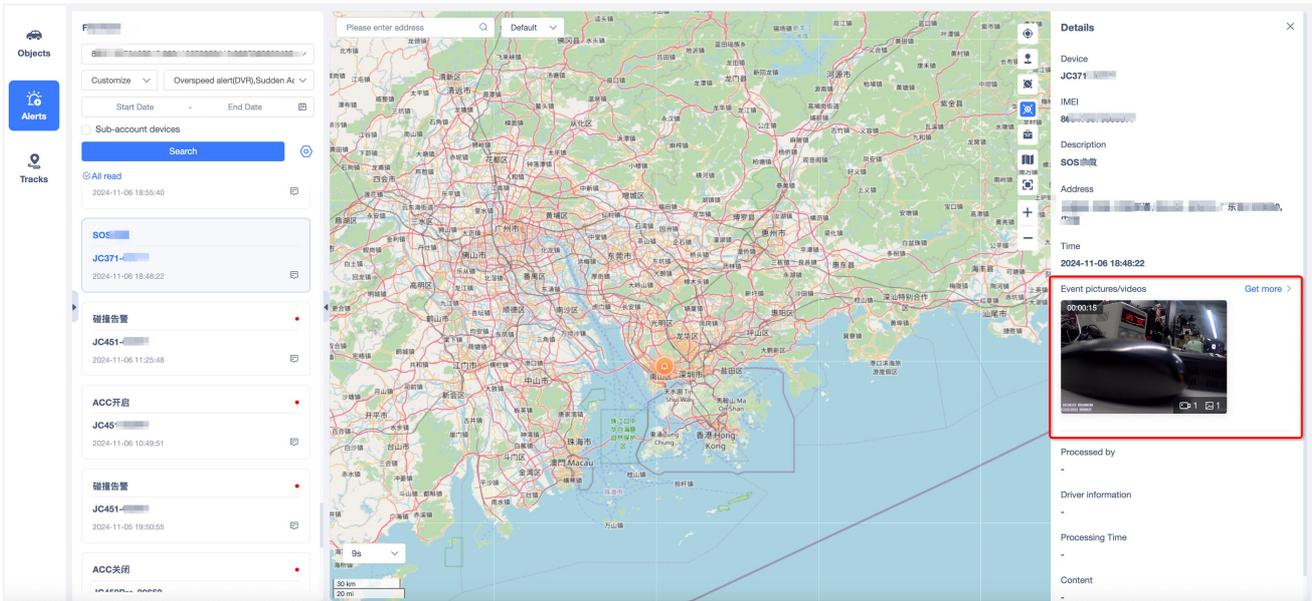
Click on "Get More" (if no alarm files are available, it will display "Get" instead). A pop-up window will appear showing which channels have uploaded videos for this alarm and which have not. The customer can select the channels that haven't uploaded videos and issue an instruction to the device to upload these videos. The upload results will be updated in the pop-up window.

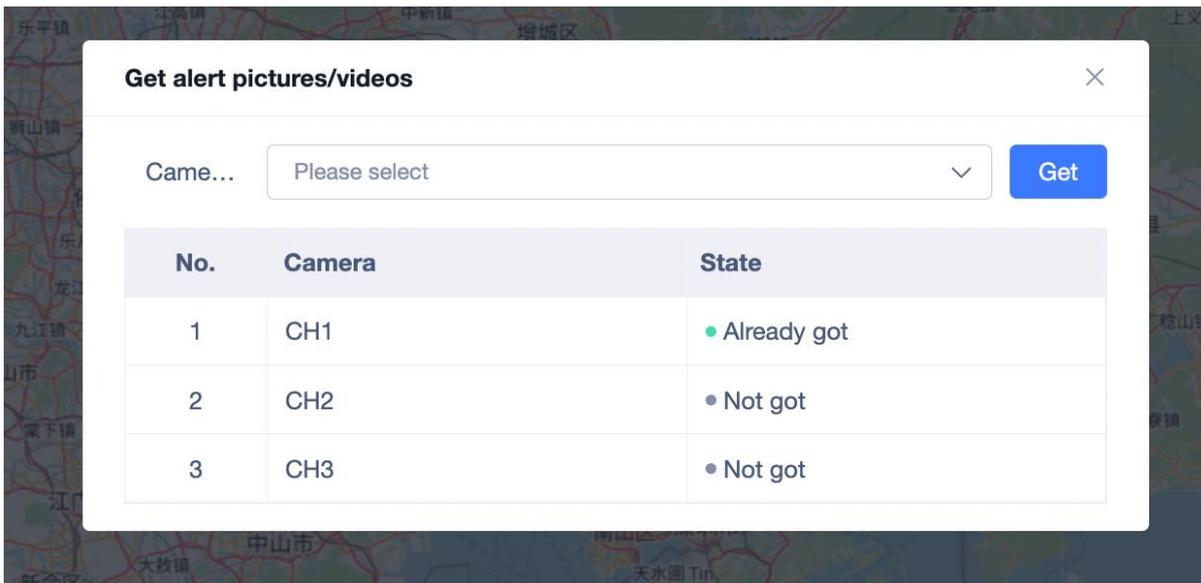
Several outcomes can occur when uploading alarm files:

- **Upload Successful:** The channel file in the pop-up file list will display "Acquired," and the file can be viewed in the event video section. Successfully uploaded channels cannot be instructed to upload again to avoid wasting data traffic.
- **Upload Failed:** Due to network or other issues causing the upload to fail, "Upload Failed, Please Retry" will be displayed. You can reissue an instruction for the device to upload the video for that channel.
- **File Not Found:** Due to limited storage space on the device's memory card, if the alarm occurred a long time ago, the video for this alarm might have been deleted by the device. In this case, "File Not Found" will be displayed, and instructions cannot be reissued for channels where the file does not exist.

**Note:**

1. Currently, the models that support manual upload of attachments include: JC400, JC400D, JC400P, JC261, JC261P, JC450, JC450Pro, JC371, JC181
2. The level of support varies by device model. Some devices support uploading additional videos but do not support selecting specific channels. This feature is not available for devices that are offline or in sleep mode.

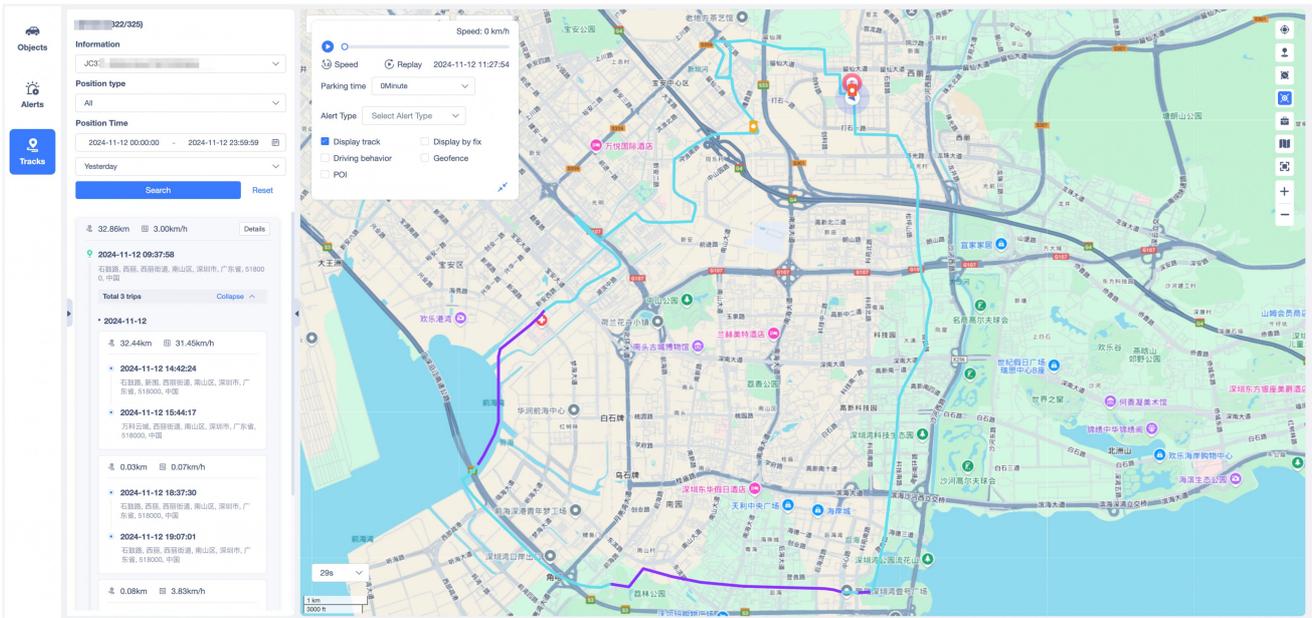




## 6.6 Tracks

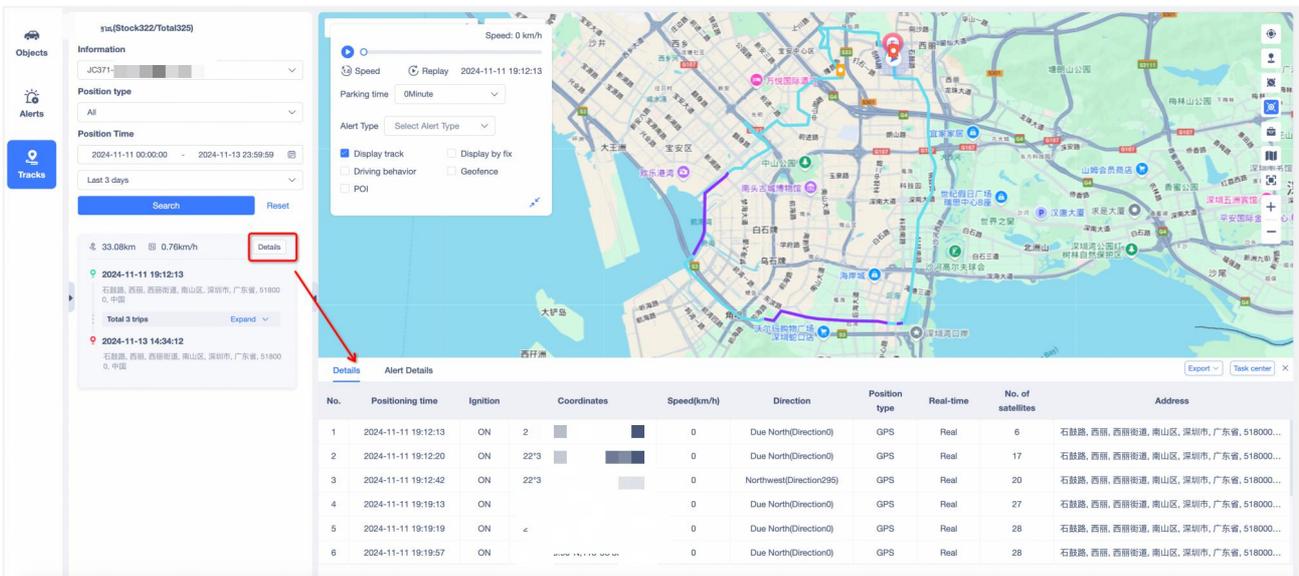
In the Tracks module, the user can query the historical track information of the device, and the user can query several screening items through the device, location mode, and location start time / end time. One device can be query at a time. The track time range of the query is 6 months before the current time, but the maximum time span of a query is 31 days. After setting up, click Search to search and click "Reset" to reset the filtering information. Blue represents GPS positioning track, purple represents inertial navigation positioning track.

After the search is completed, the track information of the device in the selected time end will be displayed at the bottom, and if the trip is traveled in the track, the number of trips will be displayed in the track information card. Click Expand to view each trip information. The information displayed in the track information card includes the track mileage, average speed, start time, place and end time and place respectively.

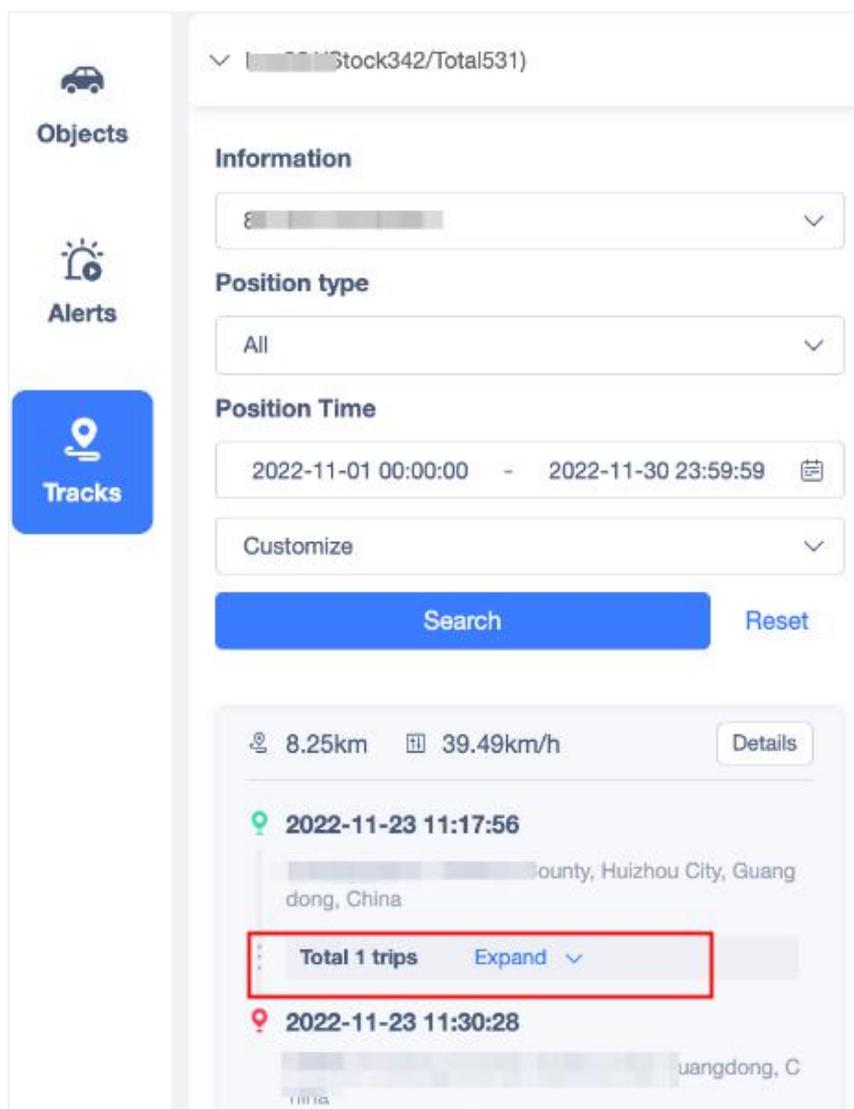


Click “Details” in the upper right corner of the card, and the detailed positioning point data and alarm data of the track/trip will appear below the map. If it is an OBD device, the OBD CAN diagnostic data reported in the track will also be displayed.

Click Export to export the location list to the local area.

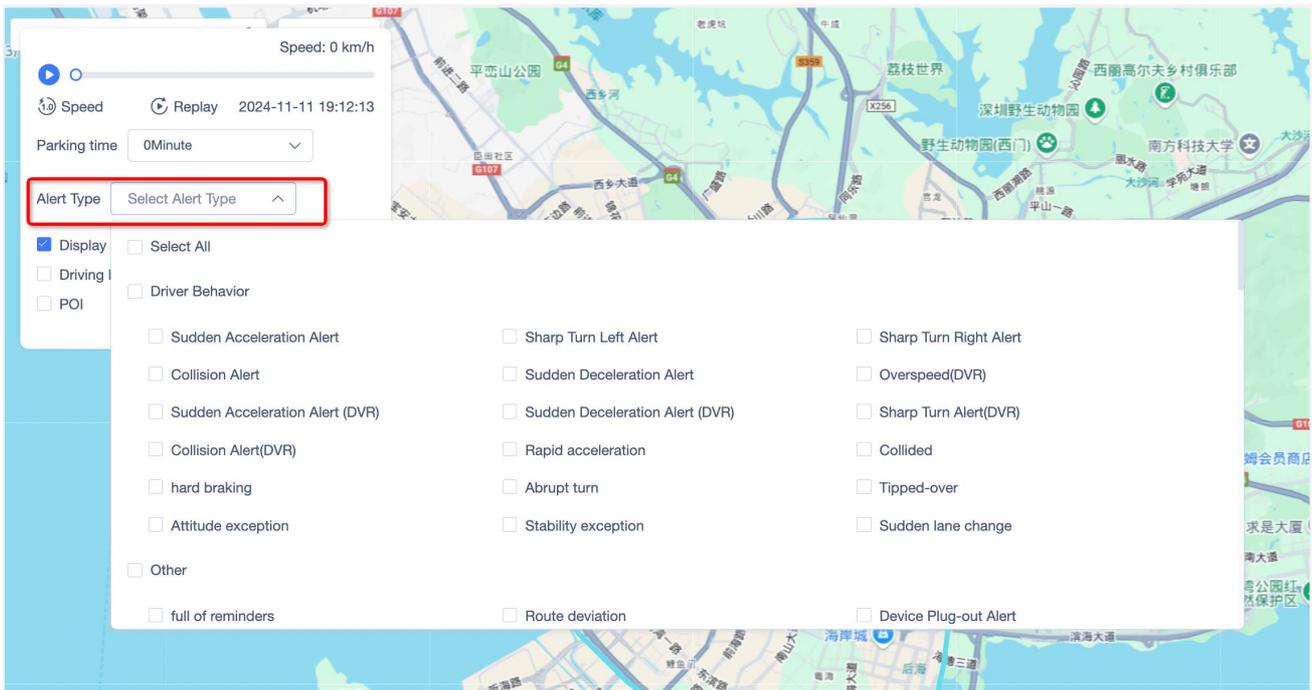
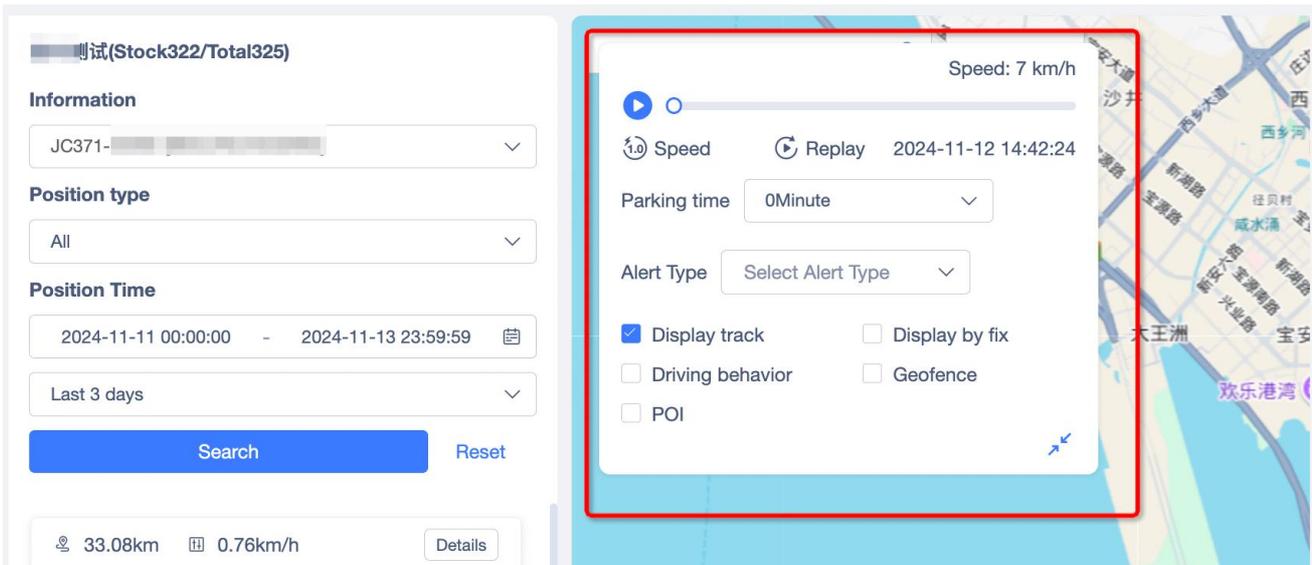


Clicking on Expand will expand the track, showing the mileage, average speed, start time, place, and end time, and place of each trip. Click on each trip, you can view the track of the trip in the player popup on the right side.

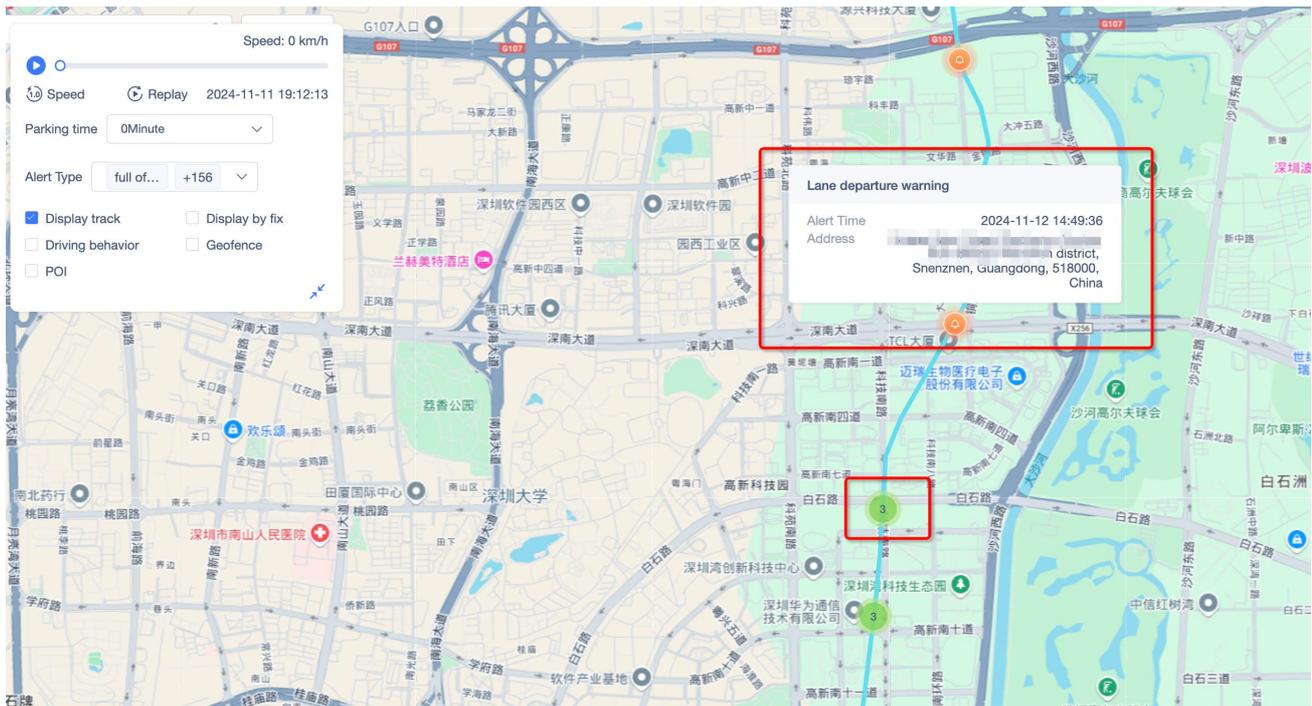


When playing the track, you can use the control-panel to control how the details of the track are played and what information is displayed during the playback. The player page can be expanded and folded up as follows:

- Start / pause play: Start / pause play track;
- Play double speed: set the track playback speed, can select 0.1x,0.5x, 1x, 2x, 4x, 8x;
- Replay: Replay the track;
- Select the stay period mark: set how long the device is judged as a stay point and displayed on the map;
- Display alert information: support displaying alerts that occur during driving on the track. Users can customize which alert types are displayed.
- Show track;
- Play: only display the location point reported by the device on the map, not the track;
- Driving behavior alert: show the number of driving behavior alert and the triggering of various driving behavior alerts on the right side of the control version;
- Fence: show the track through the fence on the map;
- POI: Show the POI points of the track on the map;



Click the alert bell icon on the track, and a small bubble will appear, including the alert name, alert time, and alert address. If multiple alerts occur at similar locations, the number of alerts will be aggregated and displayed. Click the aggregated number icon, the alert will be split out and displayed separately, so that you can view a specific alert.



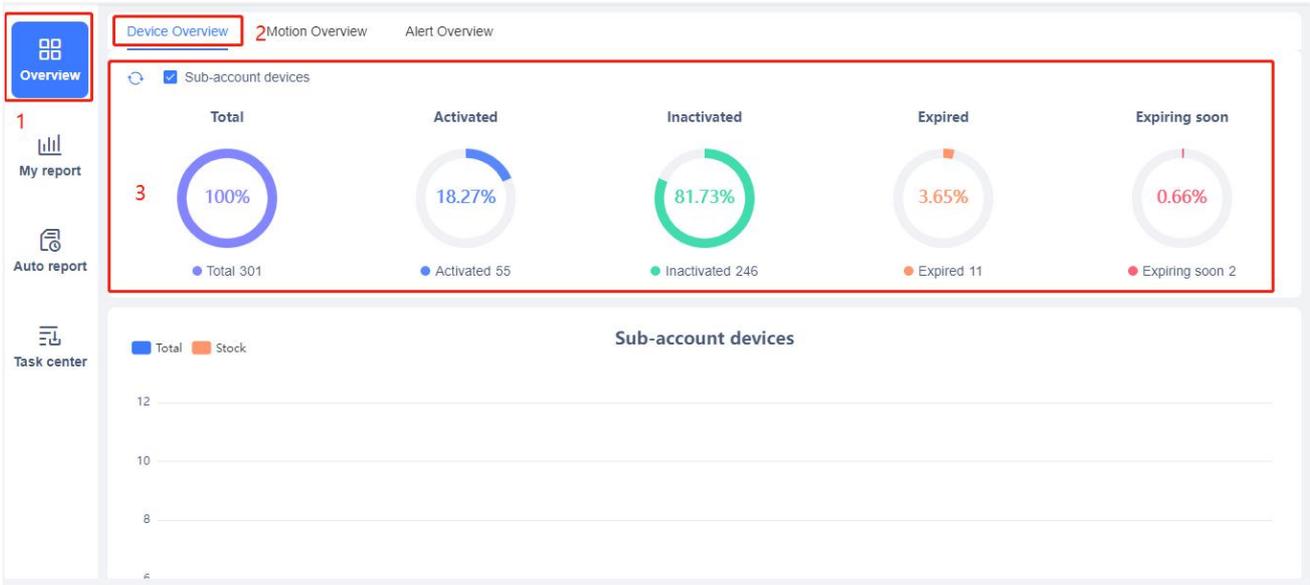
## 7 Report

### 7.1 Overview

#### 7.1.1 Device Overview

Device Overview consists of three parts, Quantity and Status Overview, Sub-account devices and Activated Device Graph, with details shown below.

- Quantity and Status Overview
  - In the first step of the device overview, display the number and status of the device overview, you can view Total, Activated, Inactivated, Expired and Expiring soon respectively;
  - You can choose checking or unchecking to view the subordinate device;
  - There has a refresh button to update the device data in time.



- Sub-account devices
  - a. In Sub-account devices, you can view the Total and Stock, and when you mouse over it to the bar chart, you can view the Total and Stock data of the current subordinate users in the floating window;
  - b. Click the upper left legend to hide the type of data and illustration.



- Activated Device Graph
  - a. In Activated Device Graph, you can view the Growth and Activated, and when the mouse moves to the bar chart, you can view the Growth and Activated data of the current subordinate users in the floating window;
  - b. Click the upper left corner legend to hide the type of data and illustration;
  - c. In the Year and Once in the upper right corner, you can choose to view the data on the basis of the time dimensions of the Year and Once;
  - d. You can switch the time to view the Activated Device Graph for different months.

Time dimension Of Year



Time dimension Of Month

## 7.1.2 Motion Overview

In the Motion Overview, you can screen the device. After the filter is completed, you can view the motion data of the device in the table. You can export or print the current motion data.

- Filters: You can choose the time range you need to query, select the account to view, select the device or a device group, click Search after setting up, and you can view the selected device data checked in the table. After clicking Reset, the current filter will be cleared.
- Export & Print:
  - a. Export: After clicking Export, a file will be generated in Task Center, which can be downloaded in Task Center;
  - b. Print: After clicking on Print, determine the motion overview form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.
- Form: View checked device information and Total Mileage, Overspeed, Stay data.

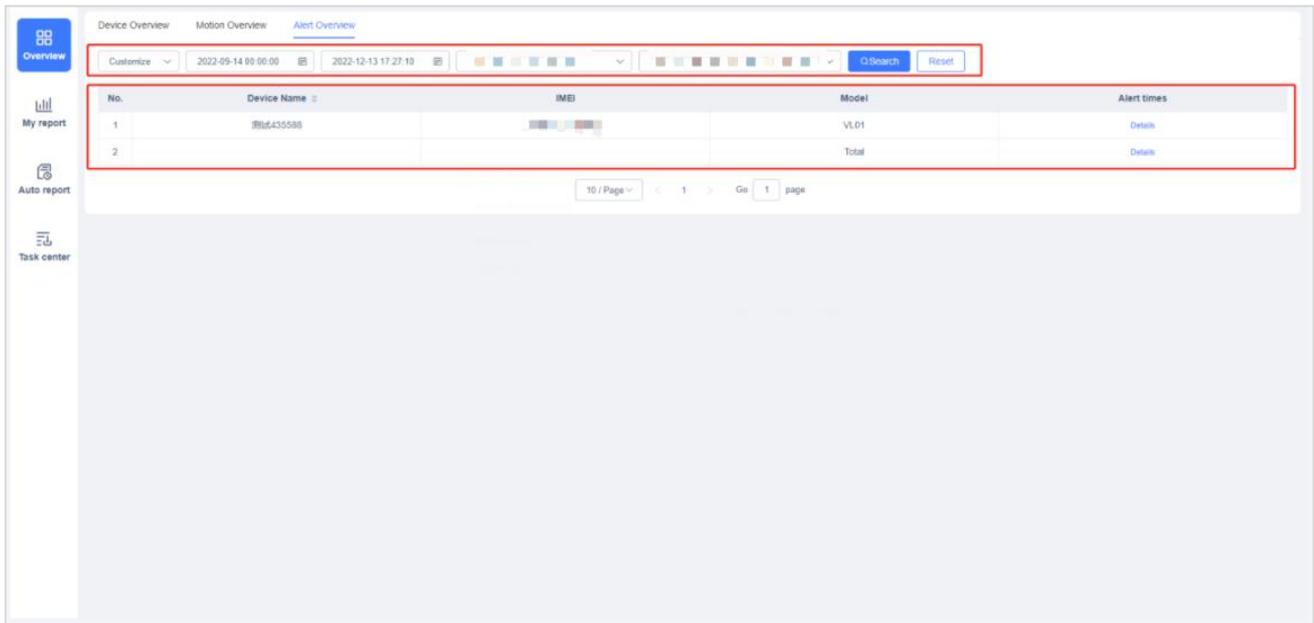
The screenshot shows the Motion Overview interface. At the top, there are tabs for Device Overview, Motion Overview (selected), and Alert Overview. Below the tabs is a search filter area with a red border, containing fields for Customize, time range (2022-11-01 00:00:00 to 2022-12-13 16:56:24), account (hao001(Stock227/Total301)), and device ID (202210262022026,868120107444579,8692). There are Search and Reset buttons. To the right of the filter area are Export and Print buttons. Below the filter area, there is a summary: Total: Total mileage 0.26 km, Overspeed 0 Requency, Stay 0 Requency. The main part of the interface is a table with the following columns: No., Device Name, IMEI, Model, Total Mileage(km), Overspeed report (times), and Stay (times). The table contains 8 rows of data, all showing 0 for Total Mileage, Overspeed report, and Stay.

No.	Device Name	IMEI	Model	Total Mileage(km)	Overspeed report (times)	Stay (times)
1				0	0	0
2				0	0	0
3				0	0	0
4				0	0	0
5				0	0	0
6				0	0	0
7				0	0	0
8				0	0	0

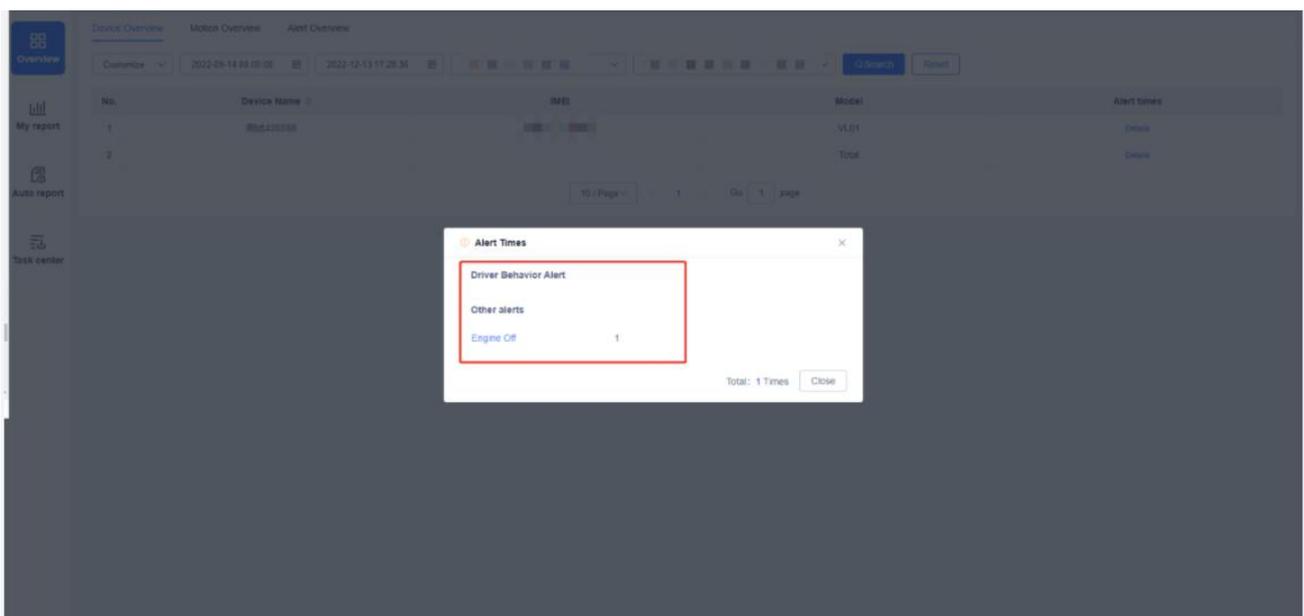
### 7.1.3 Alert Overview

Alert Overview For the alerts overview viewing board of the device, you can screen the device and view the number of alerts and alerts details of the device.

- Filters: You can choose the time range to query, select the account to view, select the device or a device group, click Search after setting up, and you can view the checked device data in the table. After clicking Reset, the current filter will be cleared;
- Form: View the device information and number of alert for the checked devices;
- Details: Click Details, pop up to show the detailed alert name and times of Driver Behavior Alert and Other alerts.



Filters & Form



Alert Times Details

## 7.2 My Report

This module has a new version and an old version, click the button in the lower left corner of the page to switch between the two versions;

In the old version, the platform tiles all report types according to categories. For which type of report data the customer needs to query, click on the report, enter the query conditions such as account number, device, time range, etc., and click Search to view the searched data;

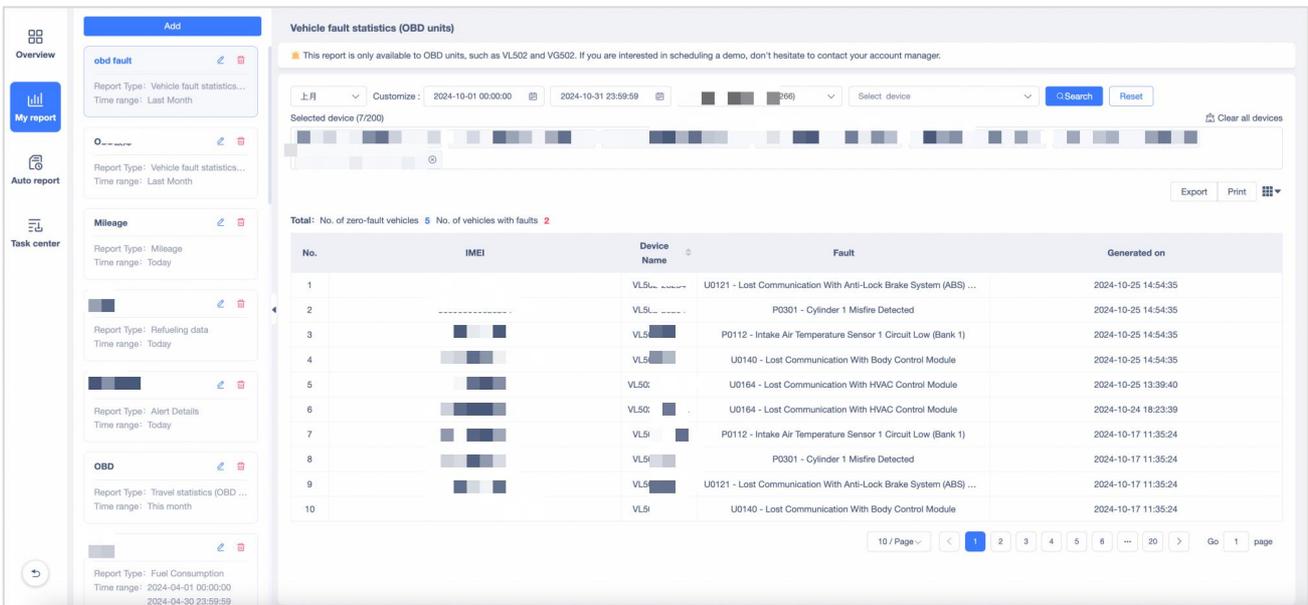
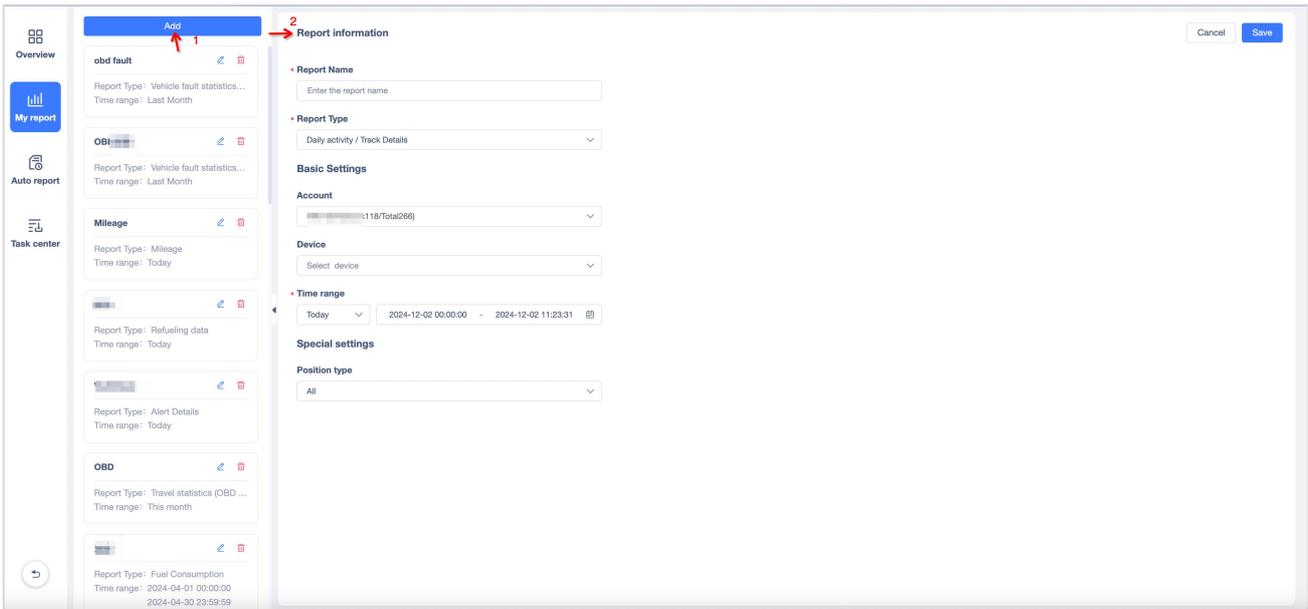
The new version will be fully personalizable:

The report type is no longer tiled, but provided as a report template for users to choose. For example, not every user needs a temperature and humidity report. Users can choose the report template they want to view according to their own business scenarios, and create a new one. The newly created report will be kept in the list. Each time you enter the report module, you can directly click to view it;

The report template supports user-defined report name, account number, device, time range, and special query conditions for different reports. After setting, click Save, and the report will be created successfully; the system will query according to the user's settings and display the query results on the page. It is not necessary to re-enter the query conditions every time you want to view the report; These configurations will be used as the default configuration, and when you enter the report again later, when you click on the new report, the system will configure automatic query according to the default value, and display the query results; after the display, the user can adjust the query conditions and query again; when entering next time, the system will still take the default configuration query. If you want to modify the default configuration, you need to modify the template;

For example, if the fleet manager needs to check the refueling data of vehicles every week, he can configure a refueling report, set the corresponding equipment to be viewed, and set the time to every week, so that the subsequent fleet manager can enter the report and directly click on the refueling report, and the system will automatically query the refueling data of last week according to the equipment.

The report supports printing and exporting, and users can also set the fields they want to display by themselves. The fields contained in the exported file are consistent with the fields that the user chooses to display on the page.



## 7.2.1 Daily activity

### Track Details

In the Track Details report, you can view the detailed data of the track, including Position Time, Speed, Azimuth, etc.

#### ● Filters:

You can choose the time range, location mode, the Account, you can select a device under the Account, select and click Search, view the details in the table below, click Reset, then clear the current screening conditions.

- More Action:

Click "Parse Address", you can select how to resolve the address in the drop-down list.

- Export & Print:

- Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- Print: After clicking Print, determine the Mileage form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- Data Fields:

You can view the Position Time, Speed, Azimuth, Position type, Number of satellites, Data Type, Coordinates, and Address. You can select the fields you want to display through the "Optional Fields" in the upper right corner of the page.

The screenshot shows the 'Report information' form. It includes the following fields and sections:

- Report Name:** Track Details
- Report Type:** Daily activity / Track Details
- Basic Settings:**
  - Account:** Lock333/Total335
  - Device:** [Dropdown]
- Time range:** Last Week | 2024-11-25 00:00:00 - 2024-12-01 23:59:59
- Special settings:**
  - Position type:** All

Buttons for 'Cancel' and 'Save' are located in the top right corner.

The screenshot shows the 'Track Details' table. The table has the following columns:

No.	Position Time	Speed	Azimuth	Position type	No. of satellites	Data Type	Coordinates	Address
1	2024-11-25 02:35:18	0km/h	Due North(Direction number: 18)	GPS	32	Real	22.0...	区, 济南市, 东省, 10000, 中国
2	2024-11-25 03:18:10	0km/h	Southeast(Direction number: 126)	GPS	27	Real	...	石群路, 中国
3	2024-11-25 03:19:58	0km/h	Southeast(Direction number: 126)	GPS	29	Real	...	区, 中国
4	2024-11-25 03:26:16	0km/h	Southeast(Direction number: 126)	GPS	30	Real	22.0...	中国
5	2024-11-25 03:47:41	0km/h	Southeast(Direction number: 126)	GPS	31	Real	2...	中国
6	2024-11-25 03:54:05	0km/h	Southeast(Direction number: 126)	GPS	30	Real	2...	中国
7	2024-11-25 04:12:14	0km/h	Southeast(Direction number: 126)	GPS	28	Real	22.0...	中国
8	2024-11-25 06:35:20	0km/h	Due West(Direction number: ...)	GPS	28	Real	22.0...	石群路, 中国

Buttons for 'Export' and 'Print' are located in the top right corner of the table area. A pagination bar at the bottom shows '10 / Page' and 'Go 1 page'.

Track Details

Last Week | 2024-11-25 00:00:00 - 2024-12-01 23:59:59 | All | [Track ID] | [Search] | [Reset]

[Parse Address]

No.	Position Time	Speed	Azimuth	Position type	No. of satellites	Data Type
1	2024-11-25 02:35:18	0km/h	Due North(Direction number: 19)	GPS	32	Real
2	2024-11-25 03:18:10	0km/h	Southeast(Direction number: 126)	GPS	27	Real
3	2024-11-25 03:19:58	0km/h	Southeast(Direction number: 126)	GPS	29	Real

Optional field (Please choose one except the serial number)

- No.
- Model
- SIM
- Position Time
- Position type
- Coordinates
- Device Name
- Driver name
- Phone
- Speed
- No. of satellites
- Address
- IMEI
- Number plate
- Ignition
- Azimuth
- Data Type

Export | Print

## Trips

This report is used to query the trips of equipment within a certain time range, not all positioning points will be considered as trips. The platform's rules for determining whether the data is trips are as follows:

Trip data judgment rules:

Three consecutive point positionings, lasting for more than 20 seconds, and a distance traveled of more than 10 meters.

The starting conditions for the trip:

Three consecutive GPS points, with a time difference between consecutive points less than 3 minutes, a speed of at least 6 km/h and no more than 180 km/h.

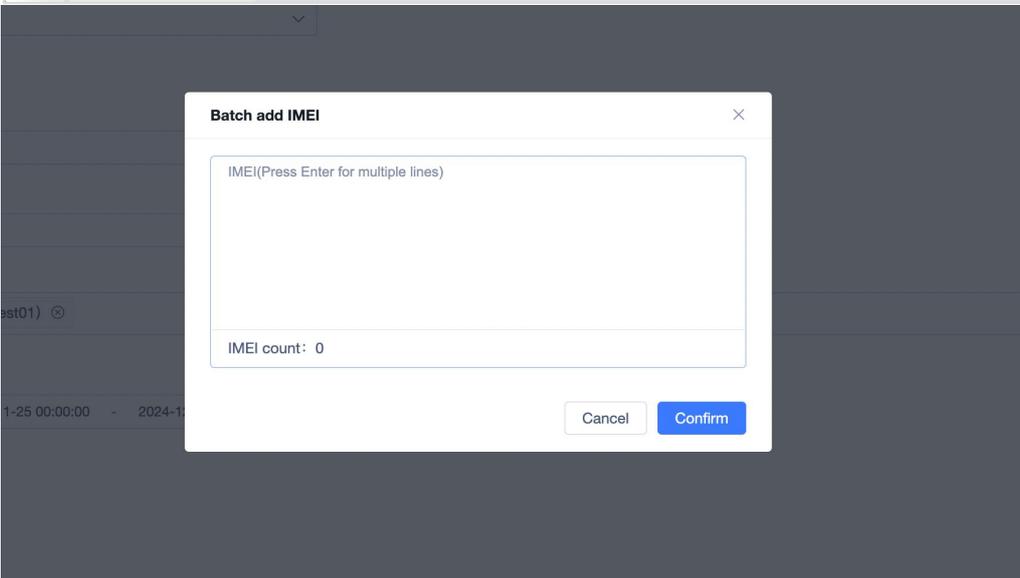
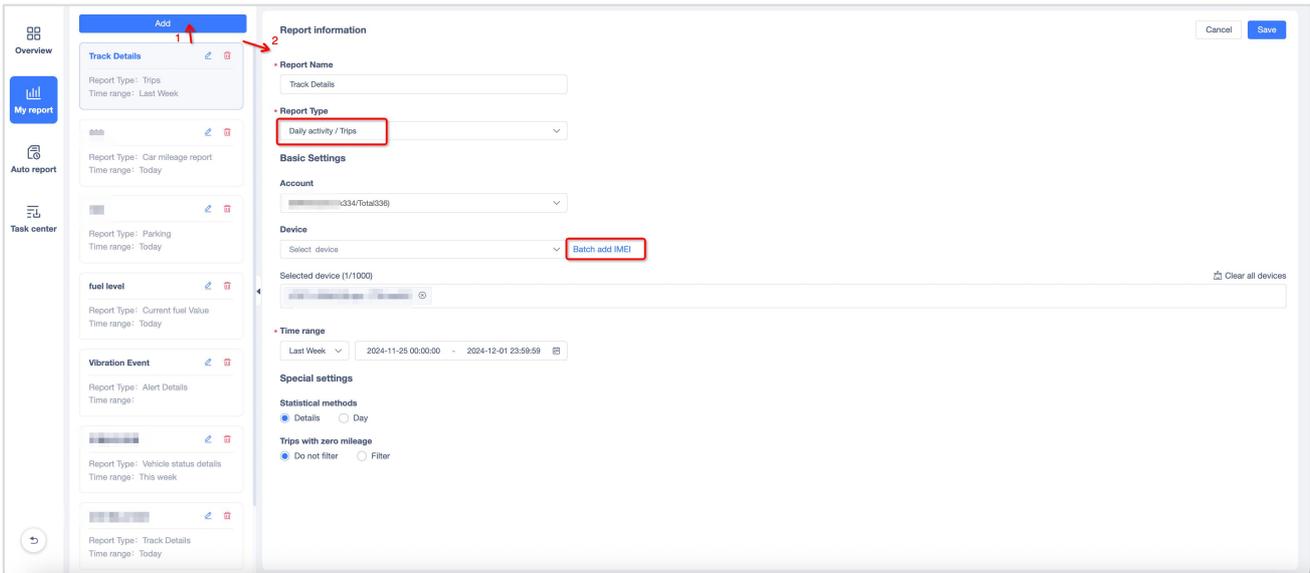
End of Trip Conditions:

Satisfy one of the end-of-trip conditions

- GPS point ACC switches from ON to OFF, and speed is less than 1 km/h;
- No GPS point report for more than 3 minutes (timeout end)

The trip data needs a certain amount of calculation time, and the trip data of the day may still be in the calculation. You can query the accurate data of yesterday and before.

Click "Batch add IMEI" to add devices in batches by entering IMEI.



● **Filters:**

- a. **General filters:** You can filter the start time, end time, device model of the trip. You can select a device or a device group under the account, select and click Search, and view the details in the table below
- b. **Reset:** Click Reset to clear the current filter condition
- c. **Statistical methods:** You can select to follow "Details" and "Day" for counting trips
- d. **Trips with zero mileage:** You can select the Do not filter or Filter mileage
- e. **sub-account devices:** One-click to select all devices of the selected account and all sub-accounts

● **Export & Print:**

- a. **Export:** After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- b. **Print:** After clicking Print, determine the Trips form to be printed twice in the popup window. If

confirmed, click Confirm to jump to the local connection printer for printing.

- More Action:

Click Parse Address, you can select how to resolve the address in the drop-down list.

- Data Fields:

The report includes two parts: summary and details. The summary is mainly an overall overview of the trip situation of all queries. You can see the total number of trips, total duration, average speed, maximum speed and other data.

The detailed trip data of each device is displayed in groups of days. Each trip data contains the start time, start position, end time, end position, duration, total mileage, total fuel consumption, average speed, maximum speed and other data.

The screenshot shows the 'Trips' report interface. On the left is a sidebar with navigation options: Overview, My report, Auto report, and Task center. The main area displays a summary table and detailed trip data.

**Summary Table:**

No.	Device Name	IMEI	Model	Duration	Total Mileage(km)	Average Speed (km/h)	Max. speed(km/h)
1	JC371-00841	[Redacted]	JC371	00:41:52	0.15	0.22	1
<b>Total</b>							
	<b>Trips</b>	<b>Total Mileage(km)</b>	<b>Duration</b>	<b>Average Speed (km/h)</b>	<b>Max. speed(km/h)</b>	<b>Total Fuel Consumption (L)</b>	
	6	0.15	00:41:52	0.21	1	0	

**Detailed Trip Data (2024-11-30):**

Start time	Start location	End time	End location	Duration	Total Mileage(km)	Total Fuel Consumption (L)	Fuel/100KM(L)	Average Speed (km/h)	Max. speed(km/h)
11:40:05	石鼓路, 西丽, 西丽街道, ...	11:47:49	石鼓路, 西丽, 西丽街道, ...	00:07:44	0.03	0	0.0	0.23	1
11:53:07	石鼓路, 西丽, 西丽街道, ...	11:55:55	石鼓路, 西丽, 西丽街道, ...	00:02:48	0.02	0	0.0	0.43	0

The screenshot shows the 'Trips' report interface with a different filter. The summary table is identical to the previous one. The detailed trip data is grouped by date.

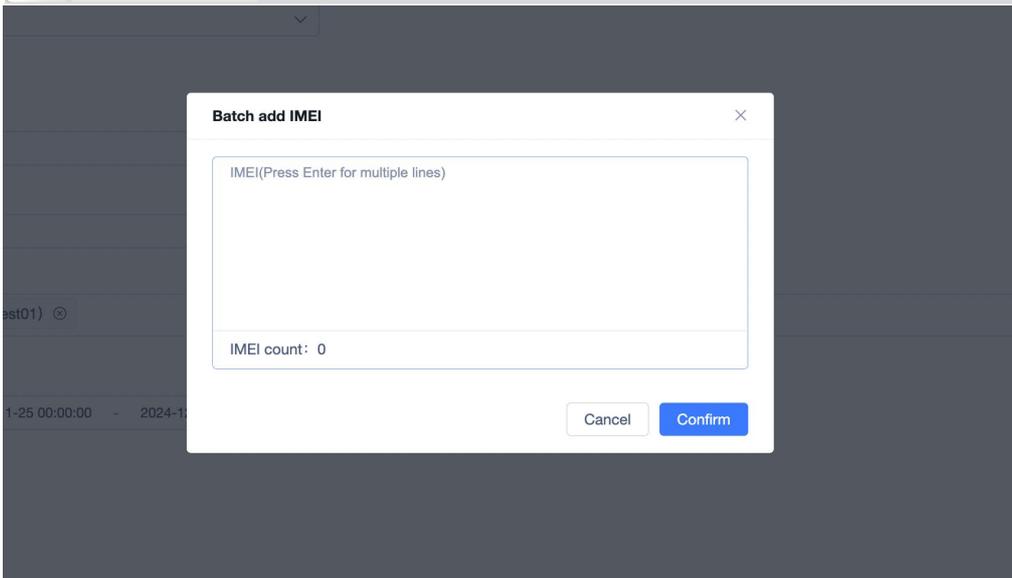
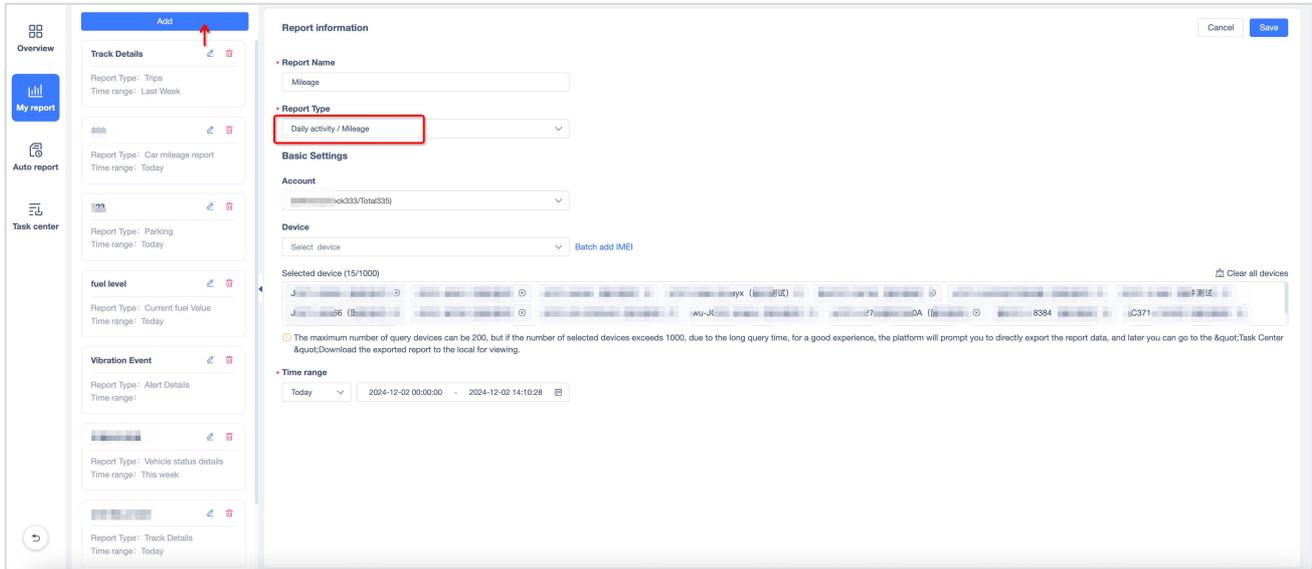
**Detailed Trip Data (Grouped by Date):**

Date	Total Trips	Duration	Total Mileage(km)	Total Fuel Consumption (L)	Fuel/100KM(L)	Average Speed (km/h)	Max. speed(km/h)
2024-11-30	2	00:10:32	0.05	0.00	0.0	0.28	1
2024-11-29	1	00:02:44	0.02	0.00	0.0	0.44	0
2024-11-27	3	00:28:36	0.08	0.00	0.0	0.17	0

At the bottom of the detailed data section, there is a button labeled "No more data".

## Mileage

This report can be used to query the mileage data of the device within a certain time range. You can view the device mileage information, including Total Mileage (km), Start Time, and End Time. Click "Batch add IMEI" to add devices in batches by entering IMEI.

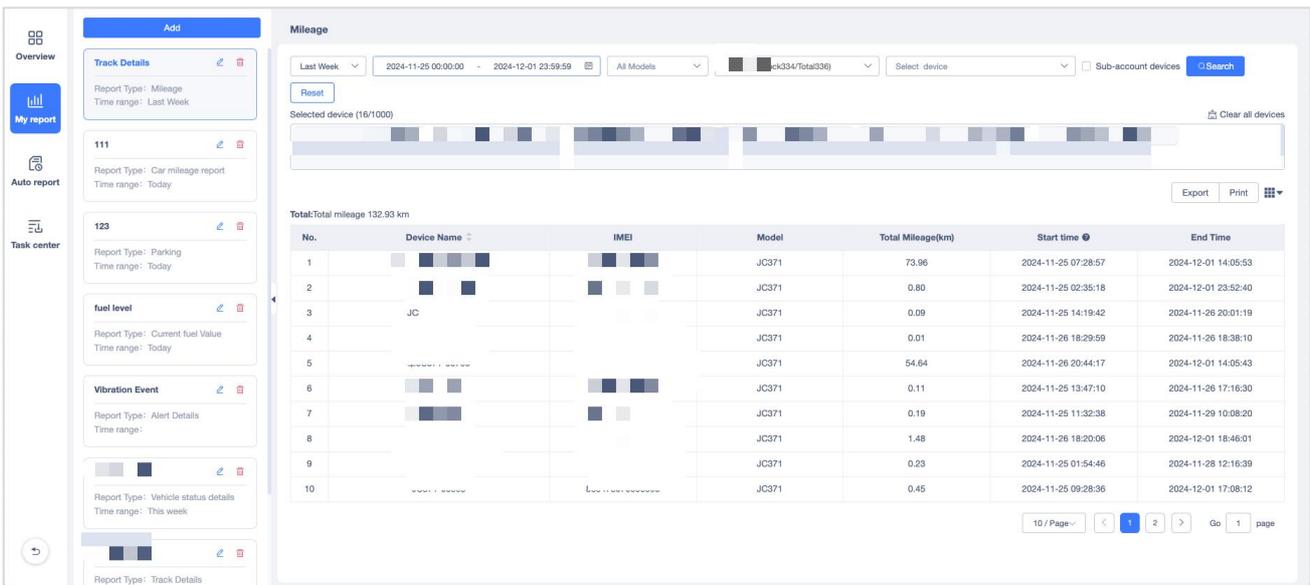


- Filters:
  - a. General filters: You can screen the time range, device model, and the Account. You can select a device or a device group under the Account, select and click Search, view the details in the table below.
  - b. Reset: Click Reset to clear the current filter condition
  - c. sub-account devices: One-click to select all devices of the selected account and all sub-accounts
- Export & Print:
  - c. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;

- d. **Print:** After clicking Print, determine the Mileage form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **Data Fields:**

You can view the device information (Device name, IMEI, Model) and the mileage information (Total Mileage, Start Time, and End Time). You can select the fields you want to display through the "Optional Fields" in the upper right corner of the page.



## Vehicle Status

Based on the account, count the number, proportion, and total number of devices in different states among the devices queried under the account.

- **Filters:**

- a. **General filters:** You can screen the target standard account and whether they include subordinates. You can view the online records of all the devices under the account in real time. After completing the selection, click Search, and view the details in the table below.
- b. **Reset:** Click Reset to clear the current filter condition

- **Export & Print:**

- a. **Export by account:** The summary in the exported file is the first sheet, and the device data is exported in different sheets according to the account dimension. The sheet name is the account name, and the current login account is the first sheet after the summary.
- b. **Direct export:** The exported file is divided into two sheets: Summary and Device, and all device data is merged into the "Device" sheet.
- c. **Print:** After clicking Print, determine the Mileage form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **Data Fields:**

The page is divided into two parts: summary and details.

The summary shows the number of devices in different states under the account and their proportion; in addition to the number of devices in different states, the details also include specific device information, such as device name, IMEI, etc. Click the "Details" operation after the summary to pop up the details pop-up box.

**Summary:**

- Account name: the name of the account being queried;
- Total number of queried devices: the total number of available devices queried under the account, excluding unactivated and expired devices;
- Device status: including online, moving; online, parked; online, parked; offline;
- Proportion: the proportion of the number of devices in different statuses to the total number, retaining 1 decimal place;
- Operation: Click "Details" to pop up the status of all devices under the account;
- Query time: the query time when clicking search, which must be updated every time it is refreshed;

No.	Account	Total No. of devices	Moving	Moving(%)	Idling	Idling(%)	Stopped	Stopped(%)	Offline	Offline(%)	Operation
1	JL	248	3	1.21%	22	8.87%	6	2.42%	217	87.50%	Details
2		1	0	0.00%	0	0.00%	0	0.00%	1	100.00%	Details
3		0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	Details
Total		249	3	1.20%	22	8.84%	6	2.41%	218	87.55%	-

**Details:**

- Title: Account name + total number + online, moving number + online, parked number + online, parked number + offline number;
- Device name: device name;
- IMEI: device IMEI;
- Device model: device model;
- Status: Device status, including online, moving; online, parked but not turned off; online, parked; offline;
- Duration: Duration of the device in this state, format: :such as 1d 3h 12m 23s, no need to fill with zeros, if there is no high position, it will not be displayed; customers can choose to sort by

time, from high to low or from low to high;

- Status start time: When the device starts to be in this state, format: hours: minutes: seconds;
- Latest location: Location information of the latest positioning package uploaded by the device;
- Positioning time: The time of the latest positioning package uploaded by the device;
- Speed (unit): The current speed of the device, the speed of the static state is 0;
- Battery: The built-in battery power of the device. Some models do not support the display of built-in battery power, so '-' is displayed;
- Operation: Click "Location" to jump to the Monitor interface and locate the interface of the current device;
- Query time: The query time when clicking search, it must be updated every time it is refreshed;

No.	Device Name	IMEI	Model	Status	Duration	Started from	Last location	Position Time	Speed (km/h)	Internal battery strength	Expiration Date(U)	Action
1	JC4000...		JC400	Offline	3d 1h 21m 10s	2024-11-29 14:58:38	Shigu Road, 松坪村, Xili Sub-district, Nanshan district, Shenzhen, Guangdong, 518000, China	2024-11-25 19:49:10	0	-	2032-11-29 03:16:13	
2	JC4000...		JC400	Offline	55d 4h 15m 8s	2024-10-08 12:04:40	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	2024-10-08 11:41:29	0	-	2025-07-15 02:59:54	
3	JC4000...		JC400D	Offline	181d 1h 52m 13s	2024-06-04 14:27:35	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	2024-06-04 14:20:59	0	-	2033-02-03 05:59:30	
4	JC4000...		JC400	Offline	337d 5h 46m 53s	2023-12-31 10:32:55	N/A	2023-09-08 04:30:48	0	-	2025-09-05 01:43:28	
5	JC4000...		JC200	Offline	32d 23h 54m 48s	2024-10-30 16:25:00	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	2024-07-11 20:19:13	0	-	2025-06-05 08:51:54	
6	JC4000...		JC450	Offline	524d 5h 2m 26s	2023-06-27 11:17:22	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	2023-06-27 11:01:14	0	-	2032-06-17 23:59:59	
7	JC4000...		JC400D	Offline	19d 4h 55m 44s	2024-11-13 11:24:04	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	2024-11-08 18:43:17	0	-	2032-06-13 23:59:59	
8	JC4000...		JC450	Offline	138d 2h 39m 23s	2024-07-16 13:40:25	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	2024-07-16 13:05:37	0	-	2032-06-20 23:59:59	
9	JC4000...		JC400D	Offline	97d 19h 45m 10s	2024-08-26 20:33:38	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	2024-08-26 17:21:41	0	-	2025-08-22 05:58:18	

## Vehicle Status Details

Based on the device, the status details of the vehicle at all times during the query period. By default, the device will only be in the following states within 24 hours: offline; online, driving; online, parked; online, parked.

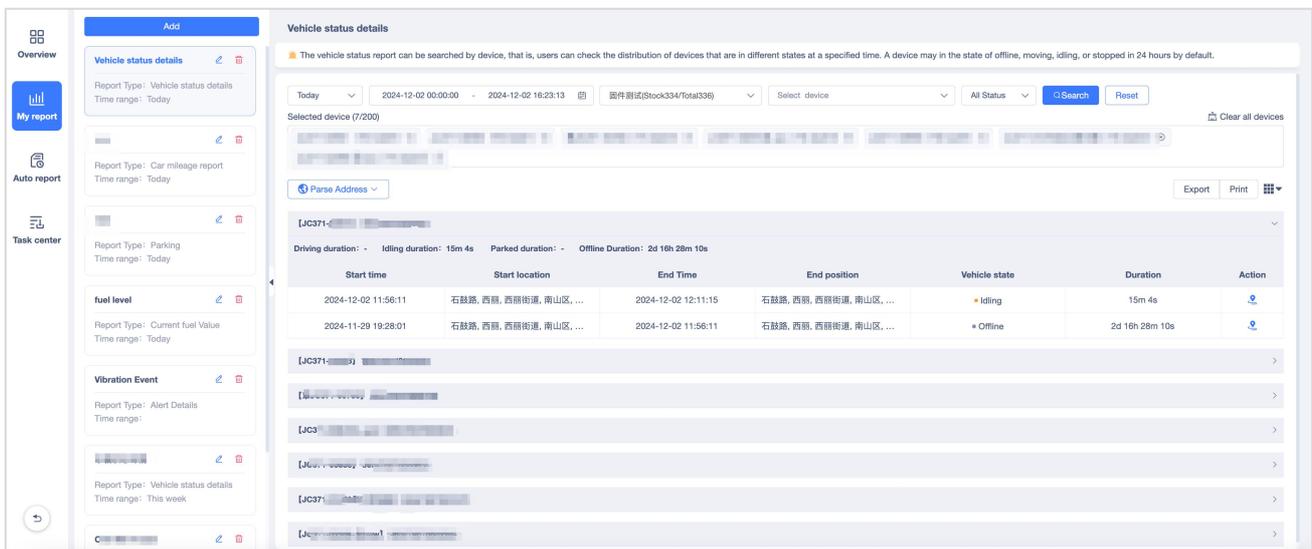
- Filters:
  - d. General filters: You can screen the time range, device model, and the Account. You can select a device or a device group under the Account, select and click Search, view the details in the table below.
  - e. Reset: Click Reset to clear the current filter condition
  - f. sub-account devices: One-click to select all devices of the selected account and all sub-accounts
- Export & Print:
  - e. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;

f. **Print:** After clicking Print, determine the Mileage form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

● **Data Fields:**

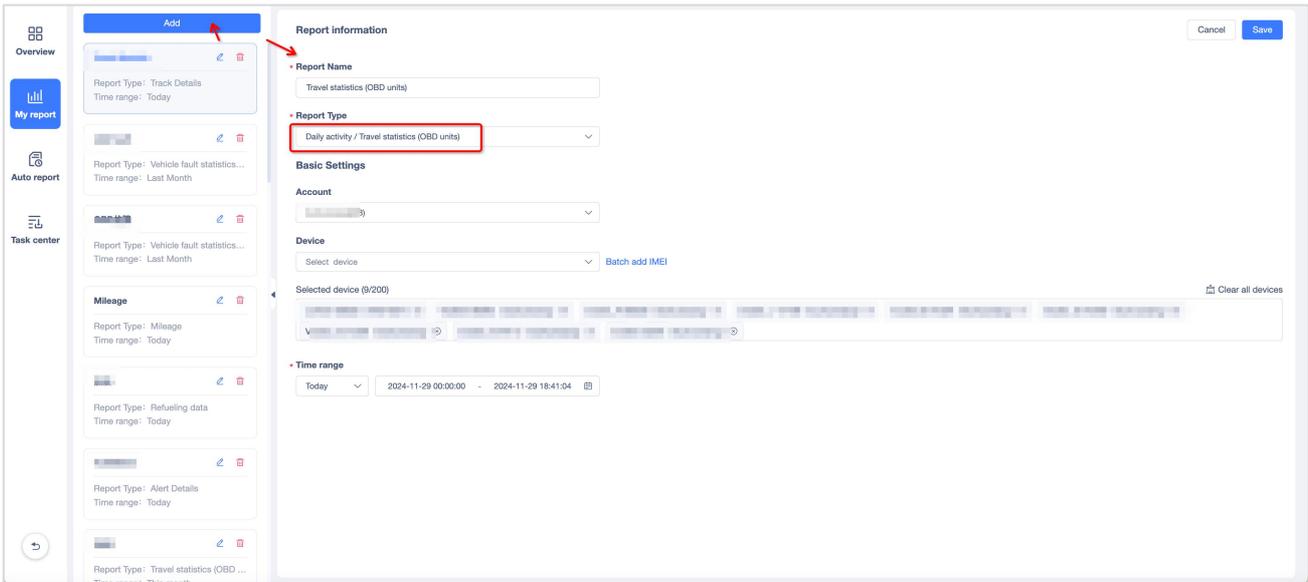
First group by device, and then display each device in different segments according to different statuses. You can view the device information (Device name, IMEI, Model) and the mileage information (Total Mileage, Start Time, and End Time). You can select the fields you want to display through the "Optional Fields" in the upper right corner of the page.

- **Title:** Account name + IMEI;
- **Subtitle:** Driving time + Parking time + Parking time + Offline time
- **Device model:** Device model;
- **Start time:** The time when the vehicle starts this state;
- **Start position:** The starting position of the vehicle starting this state;
- **End time:** The time when the vehicle ends this state;
- **End position:** The position where the vehicle ends this state;
- **Vehicle status:** Device status, including online, moving; online, parked; online, parked; offline;
- **Duration:** The length of time the device is in this state, format: such as 1d 3h 12m 23s, no need to fill with zeros, if there is no high position, it will not be displayed; Support customers to choose to sort by time length, from high to low or from low to high;



**Travel statistics (OBD units)**

This report only supports OBD devices, and you can query the travel data in the form of Data Chart and Data report.



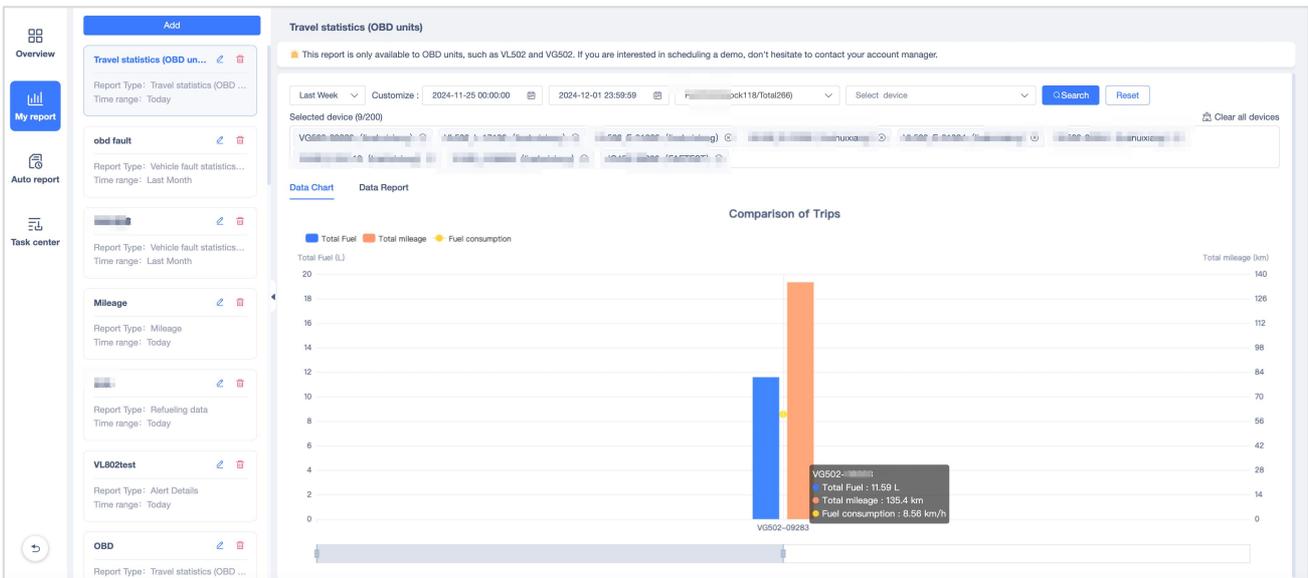
## Data Chart:

- Filters:

You can choose the time range you need to query, select the Account to view, select the device or a device group, click Search after setting up, and you can view the selected device data checked in the table. After clicking Reset, the current filter will be cleared.

- Comparison of Trips:

In Comparison of Trips, you can view the comparison diagram of Total Fuel, Total Mileage and Fuel Consumption.



## Data report:

- Export & Print:

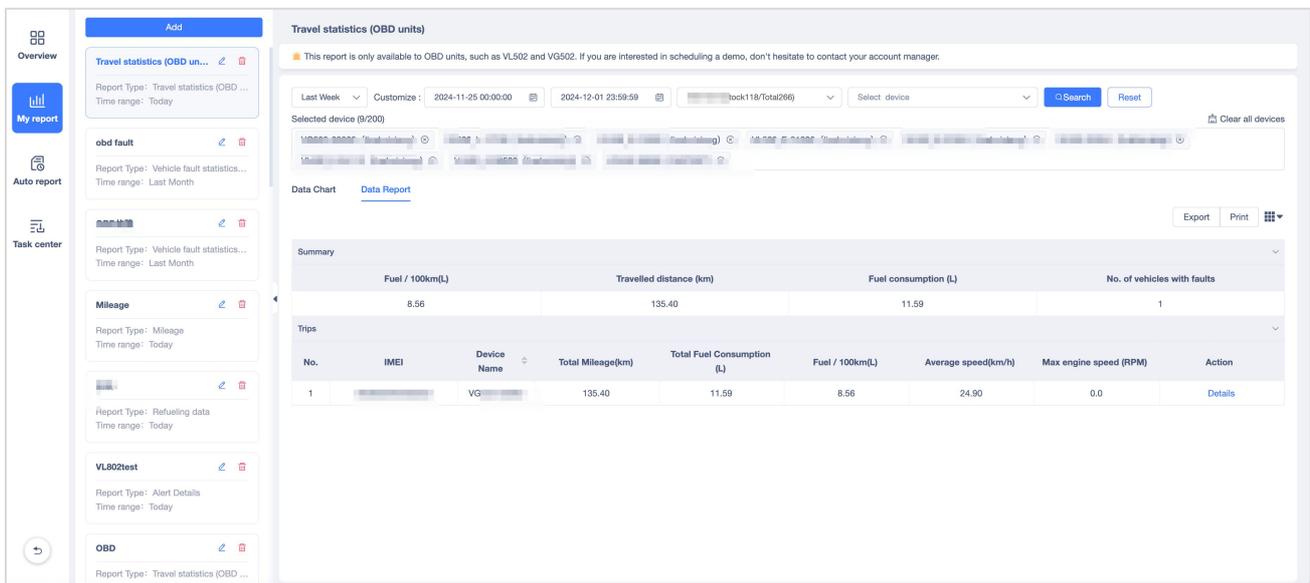
a. Export: After clicking Export, the file will be generated in Task Center, which can enter Task

Center for download;

- b. Print: After clicking on Print, determine the Summary & Trips to be printed twice in the popup window. If confirmed, click Confirm to jump to the local connection printer for printing;
- c. Edit the field: You can edit the table field displayed in the device trip. The gray table cannot be unchecked.

- Data Fields:

- a. Summary: You can view the Fuel / 100km (L / KM), Travelled distance (KM), Fuel consumption (L), and Number of vehicles with faults in the summary form;
- b. Trips: The default display in the travel report IMEI, Device Name, Total Mileage, Total Fuel Consumption, Fuel/100km(L/KM), Average Speed(KM/h), Max engine speed(RPM) You can manually check the Driver name, number plate, Total idle, Max Speed(KM/h), Hash And acceleration account, Hard braking count, and Number of vehicles with faults.



## Vehicle fault statistics (OBD units)

This report only supports the OBD device for query, and you can view the vehicle fault information in this report.

- Filters:

You can screen the Generated on and its Accounts, you can select a device or a device group under the Account, select and click Search, view the details in the table below, click Reset, and then empty the current screening conditions.

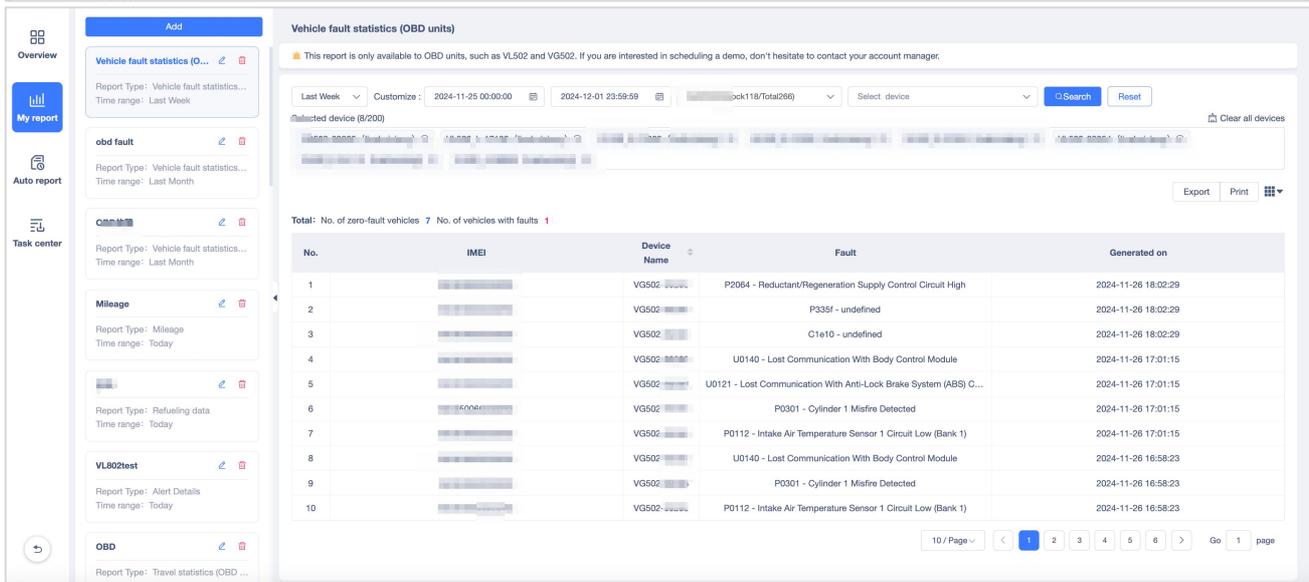
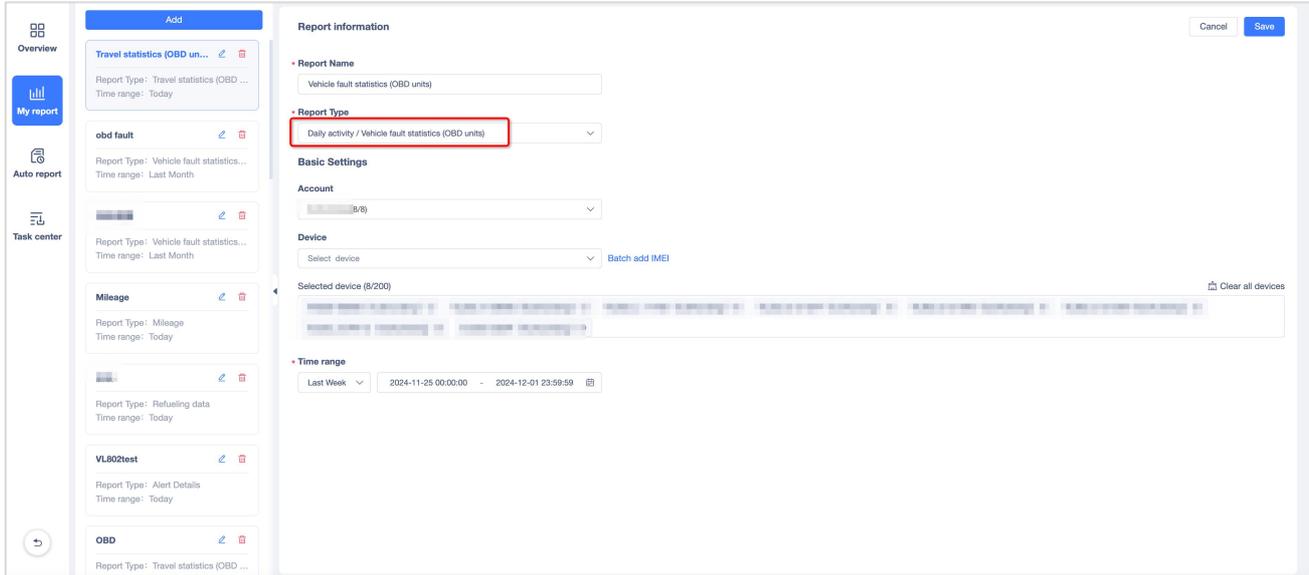
- Export & Print:

- a. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- b. Print: After clicking on Print, determine the Vehicle fault statistics (OBD units) form to be

printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer to print.

● Data Fields:

You can view the device information (Device, IMEI) and the fault information (Full, Generated on).



**CAN data (OBD units)**

This report can be used to query the CAN data uploaded by VL103D+KD031 devices.

● Filters:

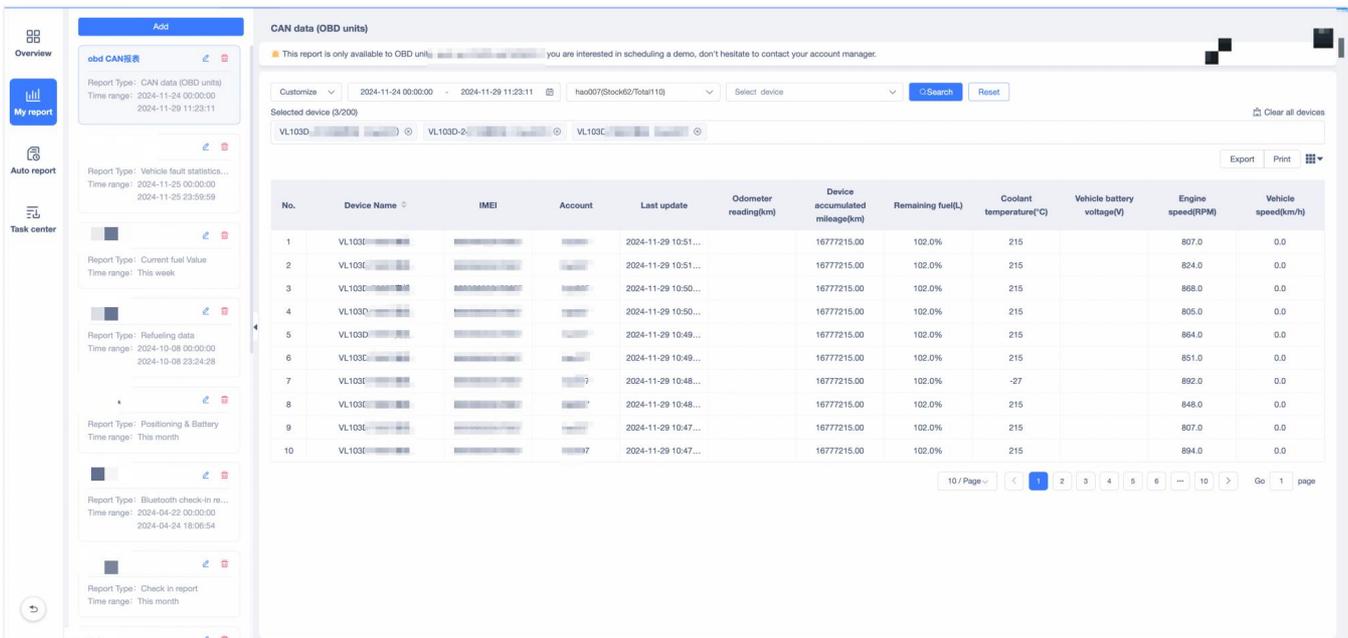
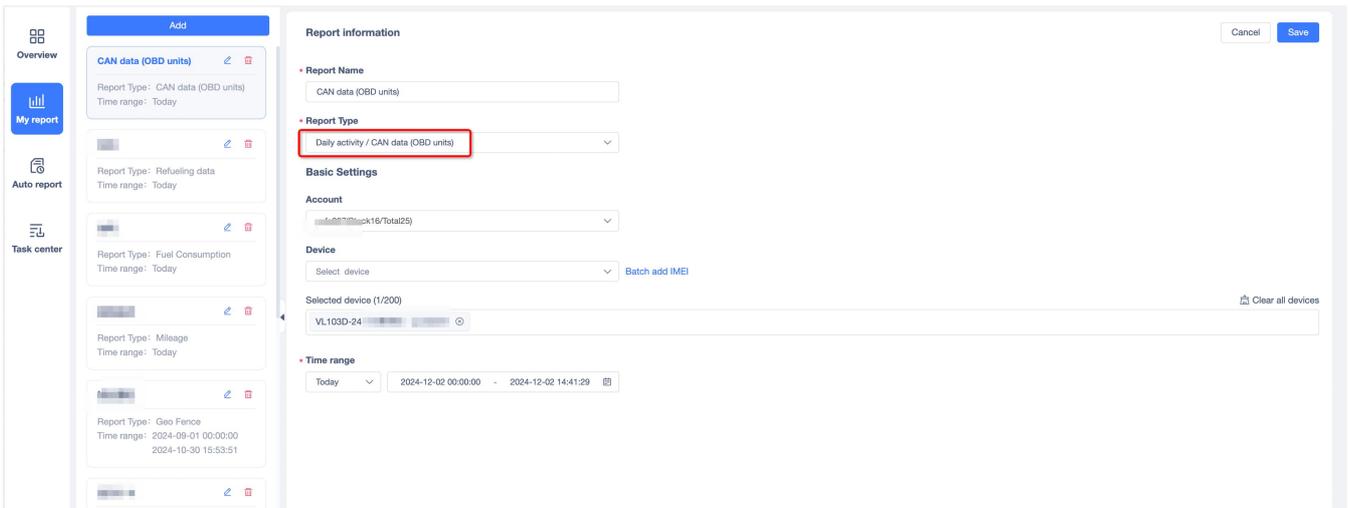
- a. Filter items: You can filter the start time, end time, and account of the stay. You can select a device or a device group under the account, select and click Search, and view the details in the table below
- b. Reset: Click Reset to clear the current filter condition.

● Export & Print:

- a. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- b. Print: After clicking Print, determine the Parking form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

● Data Fields:

You can view the device information and the obd can data. Because there are too many data fields, you can select the fields you want to display through the "Optional Fields" in the upper right corner of the page.



Optional field (Please choose one except the serial number)

No.  Device Name  IMEI

Account  VIN  Driver name

Number plate  Last update

Odometer reading(km)  Device accumulated mileage(km)

Remaining fuel(L)  Coolant temperature(°C)

Vehicle battery voltage(V)  Engine speed(RPM)

Vehicle speed(km/h)  Malfunction Indicator Lamp

Engine Total Fuel Used (Diesel)(L)  Barometric Pressure(kPa)

High Resolution Total Vehicle Distance(km)  Time Since Engine Start(S)

Engine Inlet Air Temperature(°C)  Actual Engine Torque(%)

Engine Total Hours of Operation(H)  Air Flow(g/s)

Instant Fuel Consumption(L/H)

## Online

Show the online situation and location of the current device in real time, the details are as follows:

- Filters:

- c. General filters: You can screen the target standard account and whether they include subordinates. You can view the online records of all the devices under the account in real time. After completing the selection, click Search, and view the details in the table below
- d. Reset: Click Reset to clear the current filter condition

- Export & Print:

- a. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- b. Print: After clicking Print, determine the Online form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- Data Fields:

Device information that you can view (Device Name, IMEI, Model), as well as the offline recording information (Owner User, Phone, SIM, Alerts address).

No.	Device Name	IMEI	Model	Account	Coordinates	Alert address
1	...	...	New_Wetrack_Lite	...	22.576627,113.943013	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国
2	VL149	...	VL149	...	-25.786169,28.283989	Tshwane Ward 46, Pretoria, City of Tshwane Metropolitan Municipality, Gauteng, 0161, South Africa
3	JC261	...	JC261	...	22.576536,113.943059	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国
4	JC181	...	JC181	...	22.660986,113.91084	Tangtou Avenue, Tangtou Gaoao, Shiyao Sub-district, Bao'an District, Shenzhen, Guangdong Province, 518100, China
5	JC371	...	JC371	...	22.570533,113.861401	Shenzhen Biocare Bio-Medical Equipment Co., Ltd, 7/F, Block A, Shenzhen Mingyou Industrial Products Exhibition & Procurement Center, Bao'an District, Shenzhen, Guangdong Province, 518102, China
6	VL	...	VL502_E	...	22.57498,113.94224	Dashi 1st Road, 松坪村, Xili Sub-district, Nanshan district, Shenzhen, Guangdong, 518000, China
7	VL	...	VL103D	...	25.013267,55.258851	Pelham Villas, Damac Hills, Dubai, Al Hebiah 3, Dubai, United Arab Emirates

## Offline

This report allows you to view all the records of the selected account offline devices.

- **Filters:**

- Screening items:** You can screen the target account and whether they include subordinates. You can view the offline records of all the devices under the account, select Search, and view the details in the table below
- Reset:** Click Reset to clear the current filter condition.

- **Export & Print:**

- Export:** After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- Print:** After clicking Print, determine the Offline form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **Data Fields:**

You can view the device information (Device Name, IMEI, Model) and the offline recording information (Owner User, Phone, SIM, Offline Duration, Offline Time, Alerts address).

No.	Device Name	IMEI	Model	Account	Offline Duration	Offline Time	Coordinates	Alert address
1			JC400D		00:17:52	2024-12-02 14:46:27	22.576613,113.943134	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国
2			VL103D		00:16:32	2024-12-02 14:47:47	22.576602,113.943102	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国
3			VG502		50:30:37	2024-11-30 12:33:42	22.576656,113.943032	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国
4			VL149		169:15:41	2024-11-25 13:48:38	22.576642,113.943084	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国
5			KC208T		31:30:42	2024-11-20 07:33:37	22.576582,113.943085	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国
6			GV25		286:49:37	2024-11-20 16:14:42	22.576684,113.943111	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国
7	WETRA		WETRACK2		75:32:28	2024-11-29 11:31:51	22.576627,113.943049	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国

## Parking

This report is used to query the device's stay information. Generally speaking, the device's acc status changes from on to off, which is considered a stay.

- Filters:

c. Filter items: You can filter the start time, end time, and account of the stay. You can select a device or a device group under the account, select and click Search, and view the details in the table below

d. Reset: Click Reset to clear the current filter condition.

- Export & Print:

c. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;

d. Print: After clicking Print, determine the Parking form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- More Action:

Click Parse Address, you can select how to resolve the address in the drop-down list.

- Data Fields:

You can view the device information (Device Name, IMEI, Model) and the stay record information (Speed, Start time, End time, Address, Latitude / Longitude, Stay time).

**Parking**

To make results more precise, the platform will compute all data (cached or live) at 00:00 UTC. It is advised to check the results at your local time.

Last Week | 2024-11-25 00:00:00 - 2024-12-01 23:59:59 | /Stock334/Total336 | Select device | Search | Reset | Clear all devices

Selected device (16/200)

Parse Address

Total: Stay Time: 480:43:56

No.	Device Name	IMEI	Model	State	Start time	End Time	Coordinates	Address	Stay time
1			JC371	Parking	2024-11-30 10:50:01	2024-12-01 13:52:45	22.5452,113.921228	名家富居, 南头街道, 南山区, 深圳市, 广东省, 518000, 中国	27:02:44
2	JC3		JC371	Parking	2024-11-30 10:49:56	2024-12-01 13:52:09	22.545142,113.921072	名家富居, 南头街道, 南山区, 深圳市, 广东省, 518000, 中国	27:02:13
3	JC3		JC371	Parking	2024-11-30 16:00:01	2024-11-30 16:01:05	22.576648,113.943032	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	00:01:04
4			JC371	Parking	2024-11-30 15:51:44	2024-11-30 15:59:01	22.576636,113.943048	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	00:07:17
5			JC371	Parking	2024-11-30 15:48:06	2024-11-30 15:49:26	22.576632,113.943048	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	00:01:20
6			JC371	Parking	2024-11-30 15:46:11	2024-11-30 15:47:28	22.576628,113.943072	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	00:01:17

10 / Page | 1 2 3 4 5 6 7 8 | Go 1 page

## Idling

This report is used to query the idle information of the device. Generally speaking, if the device acc status is on but the speed is 0, it is considered idle.

In the idle state, fuel consumption is usually high, and many fleet managers will pay attention to the idle time of the vehicle.

- **Filters:**

- Filter items: You can filter the time range, the account, you can select a device or a device group under the account, and click Search to view the details in the table below
- Reset: Click Reset to clear the current filter condition.

- **Export & Print:**

- Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- Print: After clicking Print, determine the Idling form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **More Action:** Click Parse Address, you can select how to resolve the address in the drop-down list.

- **Data Fields:** You can view the device information (Device Name, IMEI, Model) and the unstalled shutdown data records (State, Start time, End time, Address, Latitude / Longitude, Stay time) showing the Total Stay time at the top of the table.

The screenshot displays the 'Idling' section of a tracking software interface. On the left, there is a sidebar with navigation options: Overview, My report, Auto report, and Task center. The main area shows a table of device records with columns for No., Device Name, IMEI, Account, Model, State, Start time, End Time, Coordinates, Address, and Stay time. The table contains 6 rows of data. Above the table, there are filters for 'Last Week' (2024-11-25 00:00:00 to 2024-12-01 23:59:59), a search bar, and a 'Reset' button. Below the table, there is a pagination control showing '10 / Page' and 'Go 1 page'.

No.	Device Name	IMEI	Account	Model	State	Start time	End Time	Coordinates	Address	Stay time
1	JC3...	789	TS-test01	JC371	Idling	2024-12-01 14:05:53	2024-12-01 14:17:11	22.545112,113.921208	名家嘉居, 南头街道, 南山区, 深圳市, 广东省, 518000, 中国	00:11:18
2			TS-test01	JC371	Idling	2024-12-01 14:05:43	2024-12-01 14:14:05	22.54509,113.921048	名家嘉居, 南头街道, 南山区, 深圳市, 广东省, 518000, 中国	00:08:22
3		759	TS-test01	JC371	Idling	2024-12-01 13:59:21	2024-12-01 14:01:02	22.553256,113.92212	南头街道, 南山区, 深圳市, 广东省, 518000, 中国	00:01:41
4			TS-test01	JC371	Idling	2024-12-01 13:58:57	2024-12-01 14:01:31	22.55359,113.922286	南头街道, 南山区, 深圳市, 广东省, 518000, 中国	00:02:34
5	JC3...		TS-test01	JC371	Idling	2024-11-30 18:33:07	2024-12-01 17:12:13	22.576542,113.943128	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	24:39:06
6			TS-test01	JC371	Idling	2024-11-29 20:09:12	2024-12-01 11:52:34	22.576642,113.943032	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	39:43:22

## Ignition

Displays the ACC (engine) status of the selected tracking device, with an on / off status, and the device type only supports the wired devices.

- Filters:

- Filter items: You can filter the time range, status (on / off), and the account. You can select a device or a device group under the account, click Search, and view the details in the table below
- Reset: Click Reset to clear the current filter condition.

- Export & Print:

- Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- Print: After clicking Print, determine the Ignition form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- Data Fields:

You can view device information (Device Name, IMEI, Model) and ACC status records (State, Start time, End time, Total time) showing Total time and other data at the top of the table.

The screenshot shows a web interface for an 'Ignition' report. On the left is a sidebar with navigation options: Overview, My report, Auto report, and Task center. The main area displays a report for 'Ignition' with filters for 'Last Week' (2024-11-25 00:00:00 to 2024-12-01 23:59:59) and 'State: All'. A search bar is present with a 'Search' button. Below the filters, a table lists 9 devices. The table has columns for No., Device Name, IMEI, Model, State, Start time, End Time, and Total time. The data shows various states (ON, OFF) and times for devices with model JC371. At the bottom of the table, there is a pagination control showing '10 / Page' and 'Go 1 page'.

No.	Device Name	IMEI	Model	State	Start time	End Time	Total time
1			JC371	ON	2024-12-01 13:52:45	2024-12-01 14:14:05	00:21:20
2			JC371	ON	2024-12-01 13:52:09	2024-12-01 14:17:11	00:25:02
3			JC371	OFF	2024-11-30 10:50:01	2024-12-01 13:52:45	27:02:44
4			JC371	OFF	2024-11-30 10:49:56	2024-12-01 13:52:09	27:02:13
5			JC371	OFF	2024-11-30 16:00:01	2024-11-30 16:01:05	00:01:04
6			JC371	ON	2024-11-30 15:59:01	2024-11-30 16:00:01	00:01:00
7			JC371	OFF	2024-11-30 15:51:44	2024-11-30 15:59:01	00:07:17
8			JC371	ON	2024-11-30 15:49:26	2024-11-30 15:51:44	00:02:18
9			JC371	OFF	2024-11-30 15:48:06	2024-11-30 15:49:26	00:01:20

## Check In

This report is used to display the check-in information of the work card devices.

- **Filters:**

- General filters: You can screen the time range, device model, and the Account. You can select a device or a device group under the Account, select and click Search, view the details in the table below.
- Reset: Click Reset to clear the current filter condition
- Check-in type: check-in type, including all, check-in, and clock-out, all by default

- **Export & Print:**

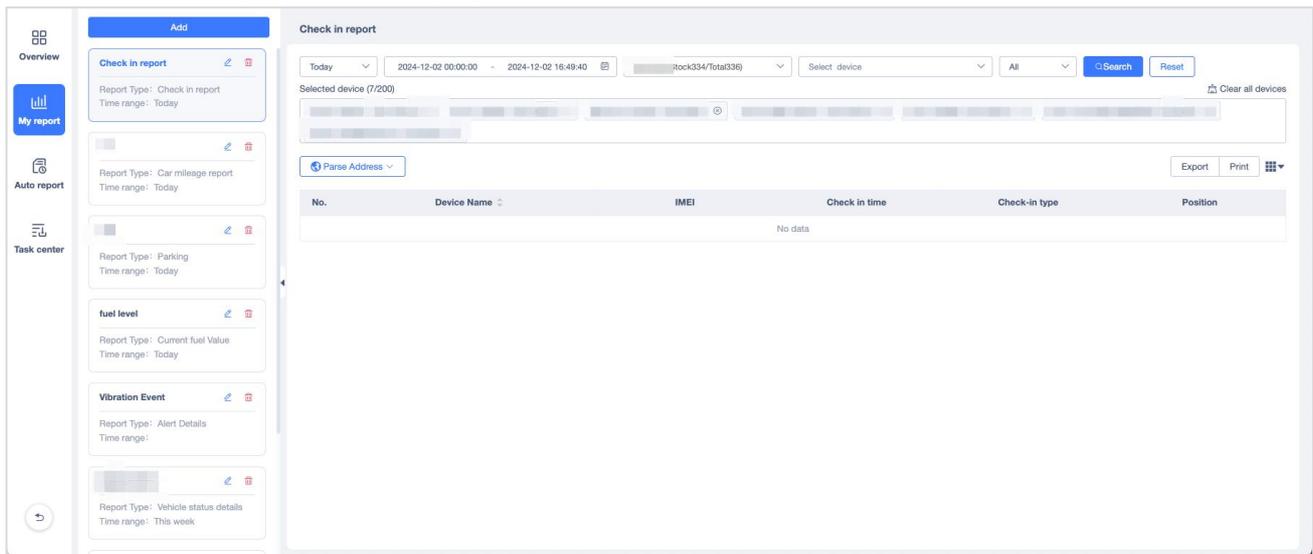
- Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- Print: After clicking Print, determine the Mileage form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **Data Fields:**

You can view device information (Device Name, IMEI, Model) and the check-in information (Check-in time, Check-in type, Location).

- Device name: device name;
- Device model: device model;
- IMEI: device IMEI number;
- Device group: the group to which the device belongs;
- Check-in time: date and time in B0 package;
- Check-in type: terminal information content in B0 package, including check-in, and clock-out
- Location: punch-in location; if the user chooses not to parse the address or the parsing fails, the latitude and longitude information will be displayed; the exported file is exported according

to what is displayed on the page;



## Bluetooth Check -in

This report is used to display the Bluetooth clock-in information of the work card devices.

### ● Filters:

- j. General filters: You can screen the time range, device model, and the Account. You can select a device or a device group under the Account, select and click Search, view the details in the table below.
- k. Reset: Click Reset to clear the current filter condition
- l. Check-in type: check-in type, including all, check-in, and clock-out, all by default

### ● Export & Print:

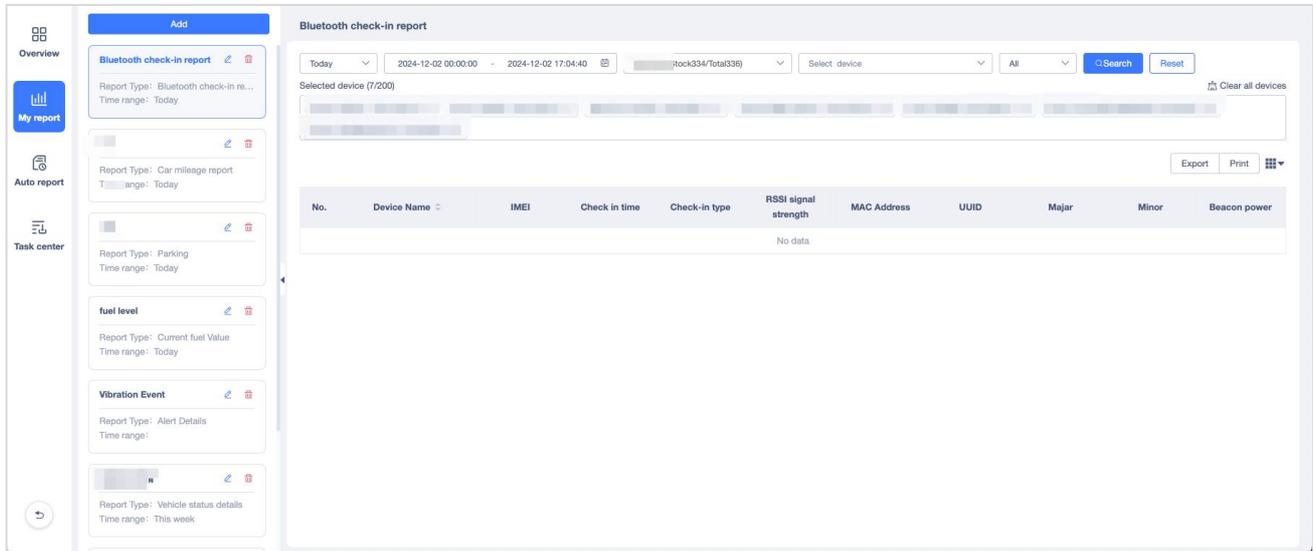
- i. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- j. Print: After clicking Print, determine the Mileage form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

### ● Data Fields:

You can view device information (Device Name, IMEI, Model) and the punch card information (Check-in time, Check-in type, RSSI, MAC, UUID, Major, Minor, Beacon powe).

- Device name: device name;
- Device model: device model;
- IMEI: device IMEI number;
- Device group: the group to which the device belongs;
- Check-in time: date and time
- Check-in type: terminal information content, including check-in, and clock-out
- RSSI signal strength: RSSI signal strength
- MAC address: MAC address

- UUID: UUID
- Majar: Majar
- Minor: Minor
- Beacon power: Beacon power



## 7.2.2 Transportation

### Fuel Consumption

Only devices that support fuel sensors and already have fuel tank capacity configured in the device page can be displayed in this report. If the above conditions are met, you can export or print the filtered results directly.

- Filters:

You can choose the time range (including custom, today, yesterday, this week, last week), select the account to view, select the device or a device group, click Search after the setting is completed, and you can view the selected device data checked in the table. After clicking Reset, the current screening will be cleared.

- Export & Print:

- Export: After clicking Export, a file will be generated in Task Center, which can be downloaded in Task Center;
- Print: After clicking Print, determine the Fuel Consumption form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- Data Fields:

**Add**

Report Type: Vehicle status  
Time range: -

Report Type: Fuel Consumption  
Time range: Last Week

Report Type: Parking  
Time range: 2024-08-10 00:00:00  
2024-08-12 23:59:59

Report Type: Vehicle status details  
Time range: Today

Report Type: Mileage  
Time range: Today

Report Type: Refueling data  
Time range: Today

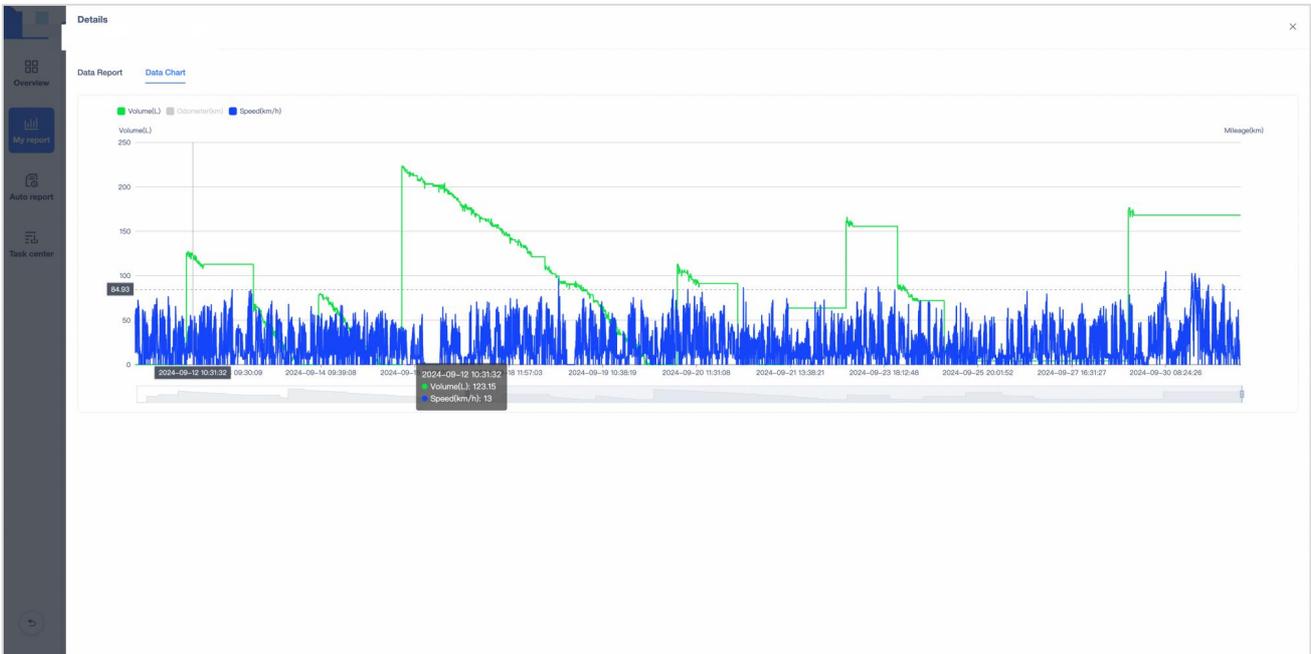
Report Type: Temperature & Humidity  
Time range: 2024-05-01 00:00:00

### Fuel Consumption

Customize: 2024-09-01 00:00:00 - 2024-10-06 23:59:59 (Stock14/Total1028447)

Selected device (1/200)

No.	Device Name	IMEI	Model	Total Fuel Consumption (L)	Total Mileage(km)	Oil Volume(L)	Fuel Tank	Detection time	Operation
1			GT08E	5418.60	3010.61	80.50(26.80%)	Cube	2024-10-06 17:36:54	<a href="#">Details</a>



Detection time	Total Fuel Consumption (L)
2024-09-28	44.45
Detection time	Current Fuel Value (L)
2024-09-28 16:36:17	174.21
2024-09-28 16:37:47	176.62
2024-09-28 17:00:02	172.41
2024-09-28 17:09:05	168.2
2024-09-28 17:10:06	172.41
2024-09-28 17:14:06	168.2
2024-09-28 17:15:06	172.41
2024-09-28 17:23:06	168.2
2024-09-28 17:24:06	172.41
2024-09-28 17:29:06	165.8
> 2024-09-25	47.46
> 2024-09-24	79.30
> 2024-09-23	33.04
> 2024-09-21	21.03
> 2024-09-20	229.48
> 2024-09-19	409.70
> 2024-09-18	291.35
> 2024-09-17	265.52
> 2024-09-16	280.54
> 2024-09-15	127.96

## Current fuel Value

The report is used to query the remaining oil of the device, you can view data such as fuel information and mileage information in the checked device.

- **Filters:**

You can choose the time range (including custom, today, yesterday, this week, last week), select the account to view, select the device or a device group, click Search after the setting is completed, and you can view the selected device data checked in the table. After clicking Reset, the current screening will be cleared.

- **Export & Print:**

- Export: After clicking Export, a file will be generated in Task Center, which can be downloaded in Task Center;
- Print: After clicking Print, determine the Current fuel Value form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **Data Fields:**

View the Current fuel Value, Total Fuel Consumption, Total Mileage, Fuel per 100KM and Total idle Time of the checked device.

No.	Device Name	IMEI	Model	Current Fuel Value (L)	Total Fuel Consumption (L)	Total Mileage(km)	Fuel / 100km(L)	Total idle Time
1			X3	55.57	3882.05	1344.43	288.75	
2			GT06E	80.50	3644.04	2322.67	156.89	

## Refueling

Based on the device, the refueling actions of different vehicles during the query time period are displayed, which helps customers to judge whether there is abnormal refueling and prevent drivers from stealing oil, etc.

- **Filters:**

You can choose the time range (including custom, today, yesterday, this week, last week), select the account to view, select a device, click Search after the setting is completed, and you can view the selected device data checked in the table. After clicking Reset, the current screening will be cleared.

- **Fuel unit price:**

You need to manually fill in the fuel price and then click the search button to include it in the calculation. After the search content is displayed, the content will not be affected if the fuel price is filled in or changed;

- **Export & Print:**

- Export:** After clicking Export, a file will be generated in Task Center, which can be downloaded in Task Center;
- Print:** After clicking Print, determine the Refueling form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **Data Fields:**

The page is divided into two parts: summary and details. The summary shows the total refueling liters, calculated costs, actual refueling liters, actual costs, and deviations of each device during the query time period; the details show the refueling details of each device every day during the query time period.

Specific fields are as follows:

- Device model: device model;
- Driver name: Driver name in device details;
- Reporting time: Fuel volume data reporting time;
- Total refuel: Total number of liters of fuel reported by the device during the query time period;
- Cost: Total number of liters of fuel \* unit price;
- Actual refuel: Filled in by the user, needs to be saved, and the next time the customer searches for the same content, the saved content needs to be displayed;
- Actual cost: Filled in by the user, needs to be saved, and the next time the customer searches for the same content, the saved content needs to be displayed;
- Difference: The difference between the actual price and the calculated price, actual price - calculated price;
- Difference Rate(%): Difference/calculated fee;

The screenshot displays a dashboard for 'Refueling data'. It features a sidebar on the left with navigation icons for Overview, My report, Auto report, and Task center. The main area contains a search filter for 'This week' (2023-05-15 00:00:00 - 2023-05-18 20:26:07) and a list of selected devices. Below the search filter is a summary table and a detailed data table for device [X3-19219].

No.	Device Name	IMEI	Model	Total refuel (L)	Cost	Actual refuel (L)	Actual cost	Difference	Difference Rate(%)
1	X3-19219	865135060119219	ACC310	1065.99	1065.99	N/A	N/A	N/A	N/A
2	X3-13451	865135060113451	ACC310	1096.52	1096.52	N/A	N/A	N/A	N/A

No.	Sync Time	Total refuel (L)	Cost	Actual refuel (L)	Actual cost	Difference	Difference Rate(%)
1	2023-05-18 17:48:14	1.72	1.72	Please enter	Please enter	N/A	N/A
2	2023-05-18 17:46:43	1.72	1.72	Please enter	Please enter	N/A	N/A
3	2023-05-18 17:44:46	1.72	1.72	Please enter	Please enter	N/A	N/A
4	2023-05-18 17:42:40	1.72	1.72	Please enter	Please enter	N/A	N/A
5	2023-05-18 17:38:30	1.72	1.72	Please enter	Please enter	N/A	N/A
6	2023-05-18 17:38:05	1.72	1.72	Please enter	Please enter	N/A	N/A
7	2023-05-18 17:36:50	1.72	1.72	Please enter	Please enter	N/A	N/A
8	2023-05-18 17:36:30	1.72	1.72	Please enter	Please enter	N/A	N/A

## Temperature & Humidity

In Temperature & Humidity, you can view supported a device through data charts and data reports (device groups or multiple devices are not selected and only the devices are connected to an external temperature and humidity sensor).

- In the data chart, show the temperature / humidity as a chart;
- Switch to the data report, and the filtered temperature and humidity will be displayed in the form of the report, and you can export and print directly.



No.	Device Name	IMEI	Account	Model	Sensors	Temperature	humidity	Detection time
1	LL303		JIMTEST2024	LL303	sensor 2	25.2	57.70	2024-11-07 00:00:09
2	LL303		JIMTEST2024	LL303	sensor 2	25.1	57.90	2024-11-06 23:59:09
3	LL303		JIMTEST2024	LL303	sensor 2	25.1	58.00	2024-11-06 23:58:08
4	LL303		JIMTEST2024	LL303	sensor 2	25.1	58.10	2024-11-06 23:57:08
5	LL303		JIMTEST2024	LL303	sensor 2	25.1	58.10	2024-11-06 23:55:07
6	LL303		JIMTEST2024	LL303	sensor 2	25.1	57.80	2024-11-06 23:53:06
7	LL303		JIMTEST2024	LL303	sensor 2	25.1	57.80	2024-11-06 23:52:06
8	LL303		JIMTEST2024	LL303	sensor 2	25.1	58.10	2024-11-06 23:50:06
9	LL303		JIMTEST2024	LL303	sensor 2	25.1	58.10	2024-11-06 23:49:05
10	LL303		JIMTEST2024	LL303	sensor 2	25.1	58.20	2024-11-06 23:47:04

## Logistics

You can view the device for Position Time, Battery, Latitude, Longitude, Speed, Duration, and Door Status and install, as follows:

- **Filters:**

You can choose the time range you need to query, select the Account to view, and select the device. After the setting is completed, click Search to view the selected device data checked in the table. After clicking Reset, the current filter will be cleared.

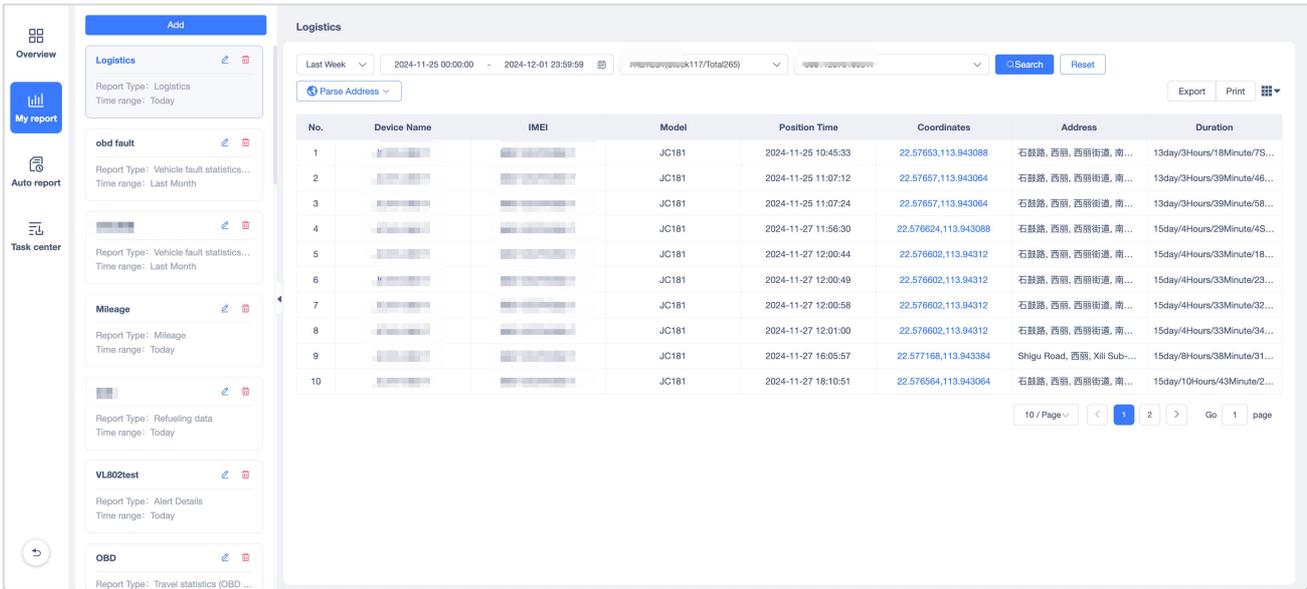
- **Export & Print:**

- Export: After clicking Export, the file will be generated in Tast Center, which can enter Tast Center for download;

b. **Print:** After clicking Print, determine the Logistics form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

● **Data Fields:**

Show the Position Time, Battery, Latitude, Longitude, Speed, Duration, Door Status and install of the screened device in the form.



**External Battery**

At External Battery, you can view the external electric voltage of the wired device, export the filtered device table or print it directly.

● **Filters:**

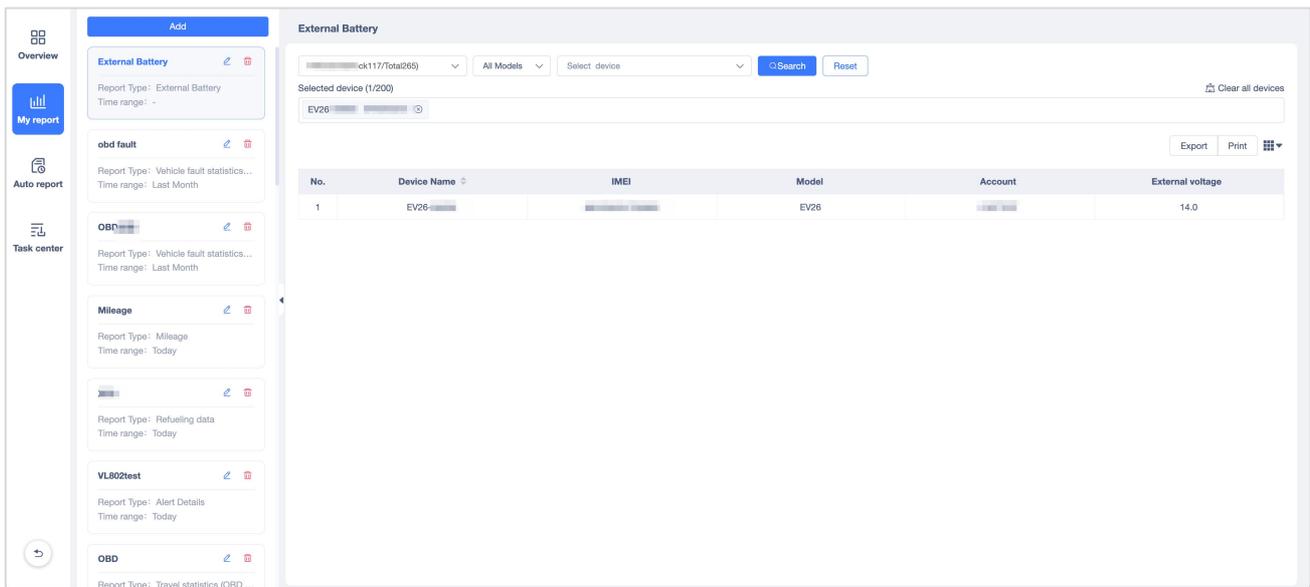
You can select the account to view, device type, and check the device or a device group to be viewed. After setting up, click Search, and you can view the external voltage of the selected account device in the table. After clicking Reset, the current filters will be cleared.

● **Export & Print:**

- a. **Export:** After clicking Export, a file will be generated in Task Center, which can be downloaded in Task Center;
- b. **Print:** After clicking on Print, determine the External Battery form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

● **Data Fields:**

View the device information, the customer, and External Battery of the checked device.



## Internal Battery

At Internal Battery, you can view the power information of the power level of the built-in battery of the wireless device, and you can export the forms after the filtered device or print them directly.

- Filters:

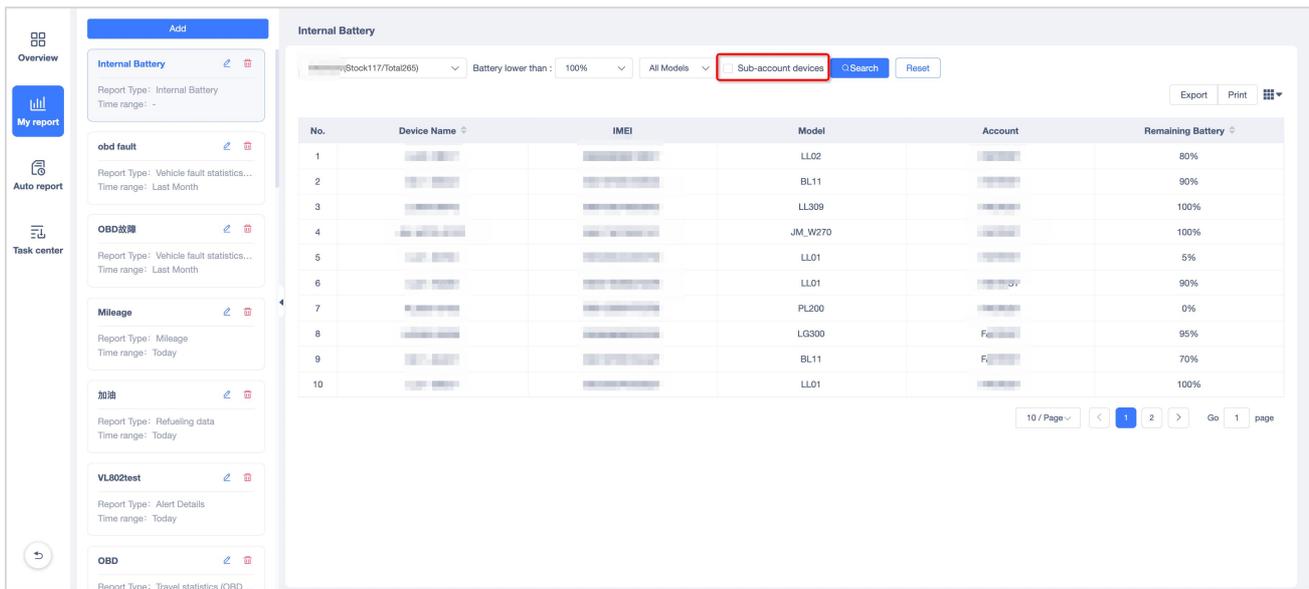
You can choose the account to view, and check whether it includes the subordinate device or not. After selected the device, click Search, and you can view the device power information of the selected account in the table. After clicking Reset, the current filter will be cleared.

- Export & Print:

- Export: After clicking Export, a file will be generated in Task Center, which can be downloaded in Task Center;
- Print: After clicking on Print, determine the Internal Battery form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- Data Fields:

View the device information, the account of the checked device and the remaining battery.



## Positioning & Battery

For wireless devices, you can use this report to view device location information and power levels, as follows:

- **Filters:**

You can choose the time range to query (Customize, Today, Yesterday, This week, Last week, This month and Last month), select or search the Account to view, select the device, click Search after the setting is completed, you can view the data of the selected device in the table, after click Reset, the current screening will be cleared.

- **Export & Print:**

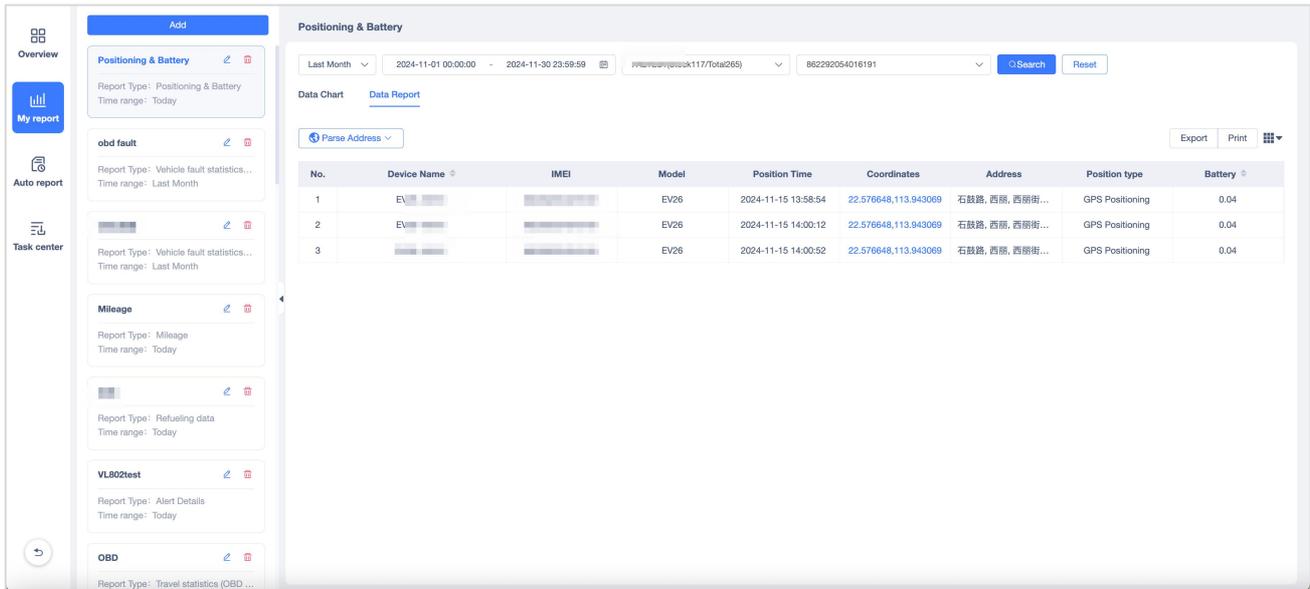
- Export: After clicking Export, the file will be generated in Tash Center, which can enter Tash Center for download;
- Print: After clicking on Print, determine the Positioning & Battery form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **More Action:**

Click Parse Address, you can select how to resolve the address in the drop-down list.

- **Data Fields:**

Show the Position Time, Address, Latitude, Longitude, Position type and Battery of the screened device.



## Car mileage report

This report is applicable to the LL703 model and can be used to count the mileage of the carriage. The business scenario is as follows:

The trailer itself does not have mileage statistics, only the front of the trailer has mileage statistics. The trailer can be rented to different trucks. Each time it is rented to different customers to carry different goods, the trailer company charges the trailer based on the current mileage. Each time it is rented to a different customer, a command will be sent to clear the current mileage and re-count it. Each time the mileage is reported for 2 days or when the trailer is returned, the mileage is reported.

### ● Filters:

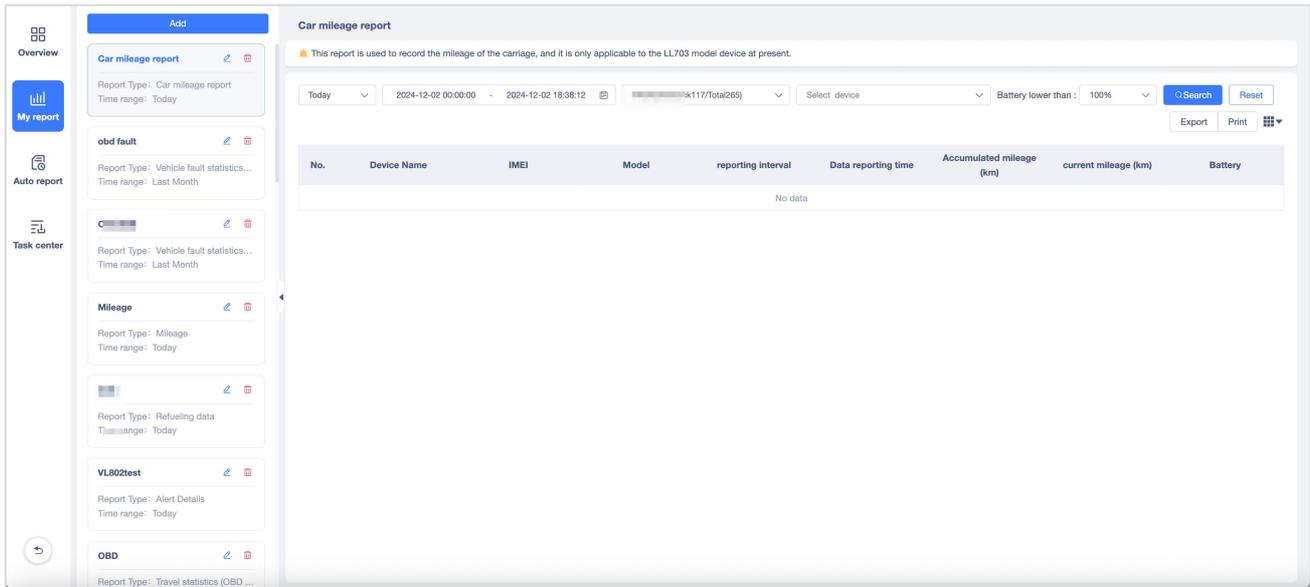
- General filters: You can screen the time range, device model, and the Account. You can select a device or a device group under the Account, select and click Search, view the details in the table below.
- Reset: Click Reset to clear the current filter condition

### ● Export & Print:

- Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- Print: After clicking Print, determine the Mileage form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

### ● Data Fields:

You can view the device information (Device name, IMEI, Model) and the mileage information (Total Mileage, Start Time, and End Time). You can select the fields you want to display through the "Optional Fields" in the upper right corner of the page.



## Various sensor data

This report is used to display the information of various sensors such as light, door magnet, temperature and humidity uploaded by LL303+K800P. When configuring the template, you can choose which sensor data to display. Currently, it supports temperature, humidity, door status, and light.

- **Filters:**

You can choose the time range you need to query, select the Account to view, and select the device. After the setting is completed, click Search to view the selected device data checked in the table. After clicking Reset, the current filter will be cleared.

- **Export & Print:**

- Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- Print: After clicking Print, determine the Logistics form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

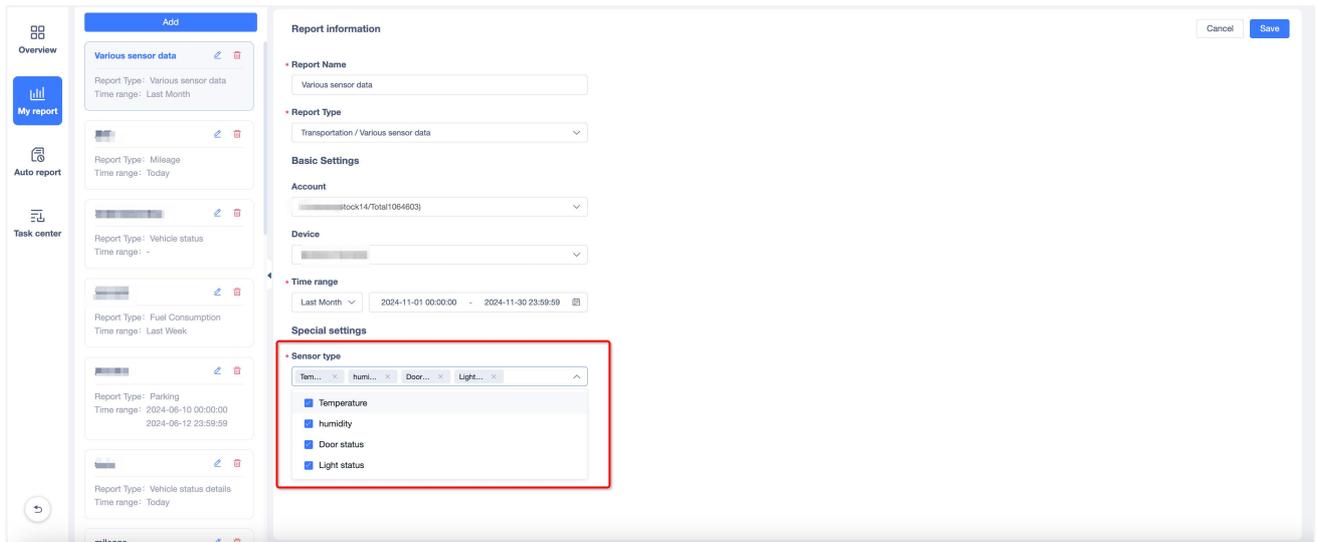
- **Data Fields:**

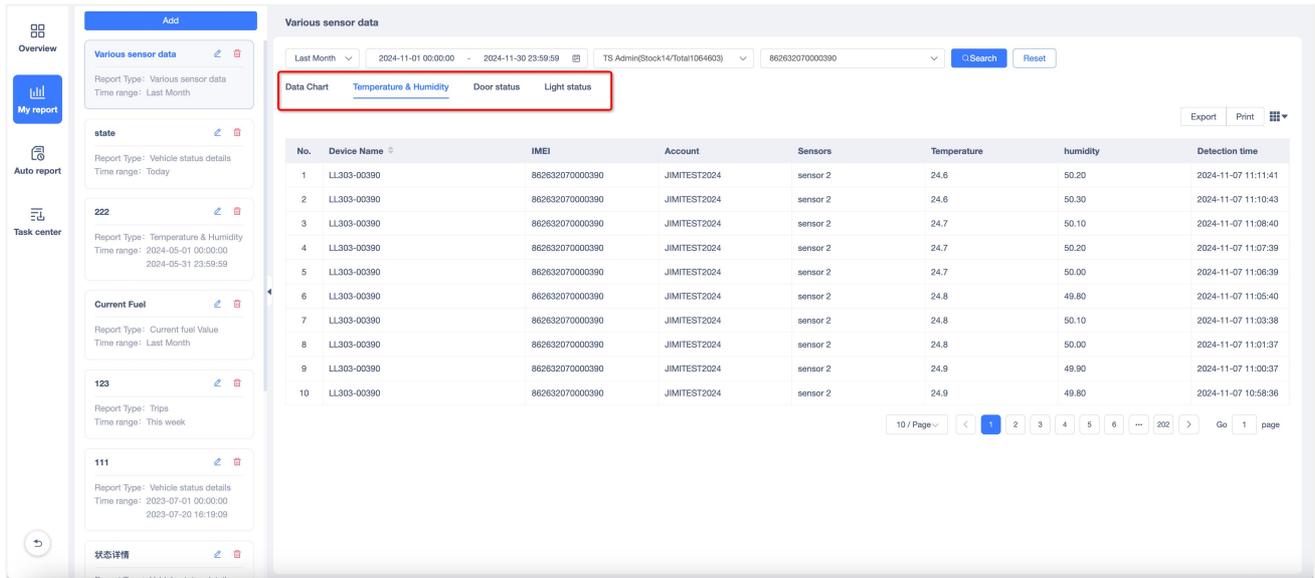
Specific fields are as follows:

- Device name: device name;
- Device model: device model;
- IMEI: device IMEI number;
- Account: device account name;
- Device group: device group;
- Sensor: displays the corresponding sensor name. If there is a peripheral but the MAC address does not match the sensor that has been added to the device, The MAC address is displayed

instead of the name;

- Temperature: Displayed on the Temperature & Humidity tab, the peripheral reports the temperature value, the default unit is Celsius, converted according to the user settings
- Humidity: Displayed on the Temperature & Humidity tab, the peripheral reports the humidity value, displayed in percentage
- Door Status: Displayed on the Door Magnetic Status tab, the peripheral reports the door magnetic status (open/closed)
- Light Sensing Status: Displayed on the Light Sensing Status tab, the peripheral reports the light sensing status (light/no light)





## 7.2.3 Vehicle security and driving safety

### Alert Details

This report shows the alert data for the selected device. You can change the read / unread status of the selected alert by clicking the marked as read, and add comments to the selected alert.

- Filters:
  - a. Filenig: You can screen the time range of the alert , locate the time range, select a device or a device group under the account, select the device type and alert status, click Search after completion, and view the details in the table below.
  - b. Reset: Click Reset to clear the current filter condition.
  
- More Action:
  - a. Select Alert Type: Set the type of alert you want to see.
  - b. Processing: The alert processing process can be modified after checking the alert.
  - c. Parse Address: You can select how to resolve the address in the drop-down list.
  
- Export & Mark all read & Print:
  - a. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
  - b. Mark all read: Mark all alert information as read;
  - c. Print: After clicking Print, determine the Alert Details form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.
  
- Data Fields:
 

You can view the alert device information (Device Name, IMEI, Model) and the offline recording information (Owner User, Alert Type, Position Time, Alerts address, Positioning Status, Processing Status, Read Status).

The screenshot shows the 'Alert Details' page in a web application. On the left is a sidebar with navigation options: Overview, My report, Auto report, and Task center. The main area is titled 'Alert Details' and contains a search bar with filters for Alert Time (2024-12-02 00:00:00 to 2024-12-02 18:01:22), Position Time, and a dropdown for 'lock334/Total336'. Below the search bar is a 'Selected device (16/1000)' section with a 'Parse Address' button. The main content is a table with the following data:

No.	Device Name	IMEI	Model	Account	Alert Type	Alert Time	Position Time	Coordinates	Alert address	Positioning Status	Processing Status	Processing Time	Read Status
1	JC...	...	JC371	...	ACC关闭	2024-12-02 17:58:10	2024-12-02 17:58:10	22.576582,13.943072	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	Positioned	Untreated		Unread
2	JC...	...	JC371	...	ACC开启	2024-12-02 17:32:31	2024-12-02 17:32:31	22.57661,11.3.943088	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	Positioned	Untreated		Unread
3	JC...	...	JC371	...	人脸识别不通过	2024-12-02 17:28:26	2024-12-02 17:28:28	22.57661,11.3.943088	石鼓路, 西丽, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	Positioned	Untreated		Unread

## Overspeed

In this report can query all overspeed records for the selected device.

- **Filters:**
  - a. Filter items: You can filter the start time, the end time, and the account. You can select a device or a device group under the account, click Search, and view the details in the table below
  - b. Reset: Click Reset to clear the current filter condition.
- **Export & Print:**
  - a. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
  - b. Print: After clicking Print, determine the Overspeed form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.
- **More Action:** Click Parse Address, you can select how to resolve the address in the drop-down list.
- **Data Fields:** You can view device information (Device Name, IMEI, Model) and overspeed records (Speed, Start time, End time, Duration, Start location, End position, Latitude / Longitude, Operation).

No.	Alert Type	Device Name	IMEI	Model	Speed (km/h)	Start time	End Time	Duration	Start location	End position	Start coordinates	End coordinates	Operation
1	Overspeed...	JC400		JC400	7.00	2024-12-02 18:51:42	2024-12-02 19:00:54	00:09:11	石鼓路, 新街, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	石鼓路, 新街, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	22.576796,113.943143	22.57666,113.943168	<a href="#">View Chart</a>
2	Overspeed...	JC400		JC400	7.00	2024-12-02 18:26:13	2024-12-02 18:35:08	00:08:54	石鼓路, 新街, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	石鼓路, 新街, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	22.57659,113.944161	22.576457,113.942904	<a href="#">View Chart</a>
3	Overspeed...	JC400		JC400	7.00	2024-12-02 12:02:11	2024-12-02 12:02:23	00:00:12	万科云城, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	万科云城, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	22.576782,113.942923	22.576795,113.942963	<a href="#">View Chart</a>

## Driver Behavior

You can view all the alert data in the report, including the alert type, time, location time, alert address, location status and other information.

- **Filters:**

You can screen the alert time, location time, Account, select the device or device group, model, and alert status.

- **More Action:**

After filtering, you can select the type of alert you need to view, whether it needs to be processed, or select whether to resolve the address and address resolution tools.

- **Export & Mark all read & Print:**

- Export:** After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
- Mark all read:** The current unread alert mark can be read;
- Print:** After clicking Print, determine the Driver Behavior form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.

- **Data Fields:**

You can view the alert device information (device name, IMEI, model, and user) and the alert information (alert type, alert time, location time, alert address, location status, processing status, and read status).

No.	Device Name	IMEI	Model	Account	Alert Type	Alert Time	Position Time	Coordinates	Alert address	Positioning Status	Processing Status	Read Status
1	JC400	31	JC400	hao001	报警(DVR)	2024-11-22 17:48:48	2024-11-22 17:49:03	22.576607,113.943041	石鼓路, 新围, 西丽街道, 南山区, 深圳市, 广东省, 518000, 中国	Positioned	Untreated	Read

## 7.2.4 Road mark data

### Geo Fence

You can show the data in and out of the device in Geo Fence Report as follows:

- Filters:
  - a. Filter items: You can filter the time range, the account, you can select a device or a device group under the account, and click Search to view the details in the table below
  - b. Reset: Click Reset to clear the current filter condition.
  
- Export & Print:
  - a. Export: After clicking Export, the file will be generated in Task Center, which can enter Task Center for download;
  - b. Print: After clicking Print, determine the Geo Fence form to be printed twice in the pop-up window. If confirmed, click Confirm to jump to the local connection printer for printing.
  
- Data Fields:

You can view the device information (Device Name, IMEI) and the geo-fence record information (Fence Name, Enter time, Outer time, Stay time).

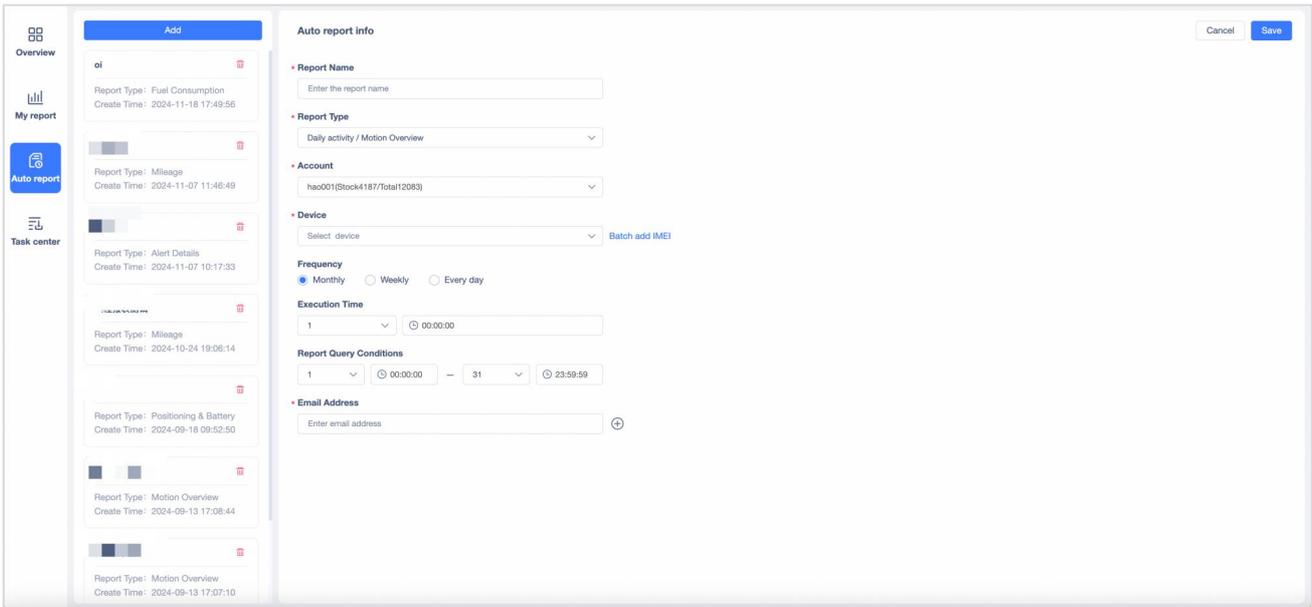
The screenshot shows the 'Geo Fence' interface. At the top, there are filters for 'Customize', a date range from '2024-11-01 00:00:00' to '2024-11-30 23:59:59', and a search bar with 'Search' and 'Reset' buttons. Below the filters, there is a 'Selected device (3/200)' section with a 'Clear all devices' link and 'Export' and 'Print' buttons. The main content is a table with the following data:

No.	Device Name	IMEI	Model	Fence Name	Enter Time	Outer Time	Stay Time
1	VL502		VL502_E	电子围栏测试	2024-11-29 16:18:31	2024-11-29 16:19:58	00:01:27

## 7.3 Auto Report

When you need to view the report regularly, you can set the information such as the report type, sending object, sending time, etc. in Auto report, or manage the automatically sent reports already set up.

- Filters:
  - a. Filter item: You can search for Report name, or select report type, Frequency, after selection, click Search search device and Reset to reset the current search and filter item.
- Add:
  - a. Click Add to set the sent Report custom name, Report Type, selected account, selected device or a device grouping, sending period and time (monthly, weekly, daily day), sending node (sent according to the power quantity value), and email address (up to 3 more).
- Data Fields: You can view Auto Report Name, Statistical report, Frequency, Create Time, Email, Actions, and at Actions, you can edit or delete the configured automatic reports.



## 7.4 Task Center

### ● Export history

When the current report or track is exported, the exported task will be generated in Export history. When the export is completed, you can click Download to download, or click Delete to delete.

a. Filters:

a) Filter items: You can select the time range, task type, and status, select the finished selection, and click Search to search, click Reset, and empty the value of the current filter.

b. Form: You can view File Name, Creation Time, Report Type, Execute result, Actions, and in Actions, you can download the files to the local, or delete the files.

No.	File name	Creation Time	Report Type	Execute result	Operation
1	OBD设备CAN数据报表_2024-11-29150448.xls	2024-11-29 15:04:48	CAN data (OBD units)	Success	<a href="#">Download</a> <a href="#">Delete</a>
2	OBD设备CAN数据报表_2024-11-29150129.xls	2024-11-29 15:01:29	CAN data (OBD units)	Success	<a href="#">Download</a> <a href="#">Delete</a>
3	轨迹详情_20241129105843.xls	2024-11-29 10:58:43	Track Details	Success	<a href="#">Download</a> <a href="#">Delete</a>
4	OBD设备CAN数据报表_2024-11-28115359.xls	2024-11-28 11:54:00	CAN data (OBD units)	Success	<a href="#">Download</a> <a href="#">Delete</a>
5	CANdata(OBDunits)_2024-11-28114716.xls	2024-11-28 11:47:17	CAN data (OBD units)	Success	<a href="#">Download</a> <a href="#">Delete</a>

### ● Auto report history

In this module, you can filter the time range, task name, task type, execution result and sending

cycle. Then click Search, and the tasks in the time range will be classified according to the type. Under individual classification, Report Type, Execution frequency, Execution Time, Email and Execute result are displayed.

The screenshot shows the 'Auto report history' interface. At the top, there are search filters for Start Date, End Date, a search bar, and dropdown menus for All device types, All Status, and Execution frequency. Below the filters, there are several task summary cards, each with a task name and create time. The main part of the interface is a table with the following columns: No., Report Type, Execution frequency, Execution Time, Execution object, and Execute result. The table contains five rows of data, all with 'Mileage' as the Report Type and 'Day' as the Execution frequency. The Execution objects are email addresses: chenhaihong@jmiot.com and meimengling@jmiot.com. All Execute results are 'Success'.

No.	Report Type	Execution frequency	Execution Time	Execution object	Execute result
1	Mileage	Day	2024-11-29 12:00:00	chenhaihong@jmiot.com meimengling@jmiot.com	Success Success
2	Mileage	Day	2024-11-28 12:00:00	chenhaihong@jmiot.com meimengling@jmiot.com	Success Success
3	Mileage	Day	2024-11-27 12:00:00	chenhaihong@jmiot.com meimengling@jmiot.com	Success Success
4	Mileage	Day	2024-11-26 12:00:00	chenhaihong@jmiot.com meimengling@jmiot.com	Success Success
5	Mileage	Day	2024-11-25 12:00:00	chenhaihong@jmiot.com meimengling@jmiot.com	Success Success

## 8 Video

The video module is used for DVR models or models that support adding DVR peripherals. It can view the live broadcast, event video, and historical video of the DVR device, and supports the setting of the event video type and channel uploaded by the device.

### 8.1 Event

Event video data is displayed in the event video page list, and users can view the video by clicking the list line platform. The video is stored in the cloud, and user can download the video and save it locally.

If users want to view event videos on the platform, they first need to turn on the device's event video/picture recording configuration, so that when an alarm occurs, the device will record the relevant video. Secondly, it is also necessary to turn on the device's event video upload switch on the platform's video-setting page, which can be turned on according to the alarm type.

In this way, when an alarm occurs, the platform will issue a command to let the device upload the video/picture related to the alarm, and then the user can view it on the platform.

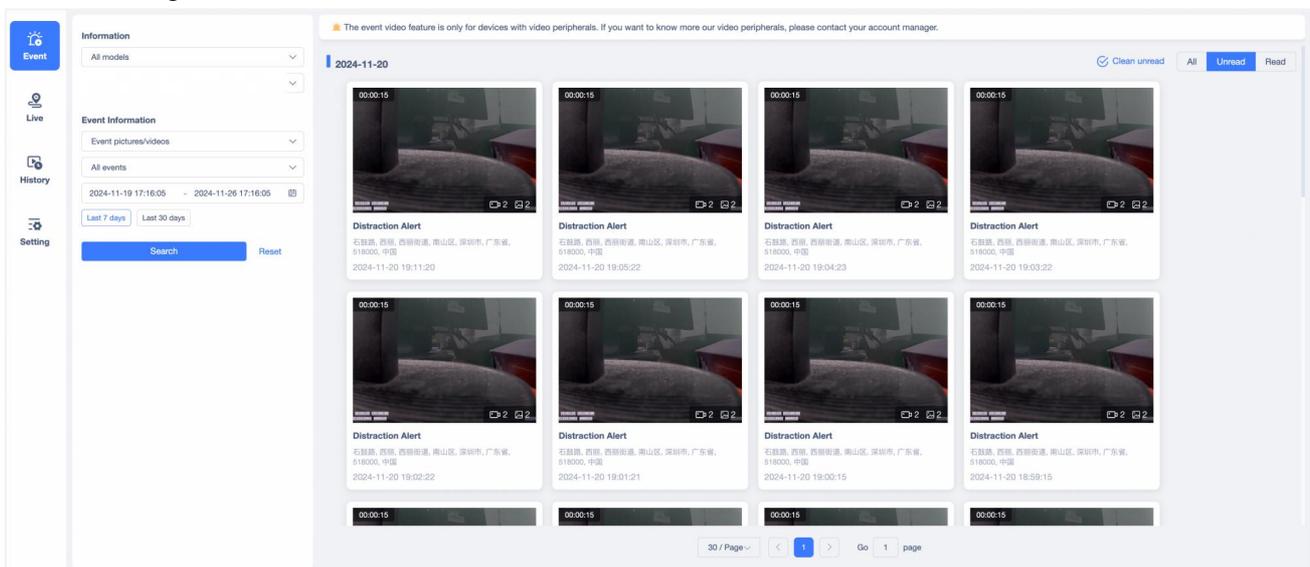
The pre-recording of event videos is controlled by the device SNAPNUM. Except for DMS event alarms, which are recorded by CH3 by default, other events are recorded by CH1 by default. If you need to upload multi-channel videos, please configure the device event video recording parameters first.

## 8.1.1 Query event video

The left side of the page is the filter area, and the right side is the event video/picture display area. The video of events is displayed from near to far in chronological order. You can quickly filter all events, unread events and read events.

- Information: You can filter device information, including device type, device status, and select a device or a device group.
- Event Information: You can filter the Information related to the time occurrence, including the time type, the time of the event occurrence, or quickly select the last 7 days, the last 30 days;

After setting, click Search to search for events, and click Reset to reset the filter items.



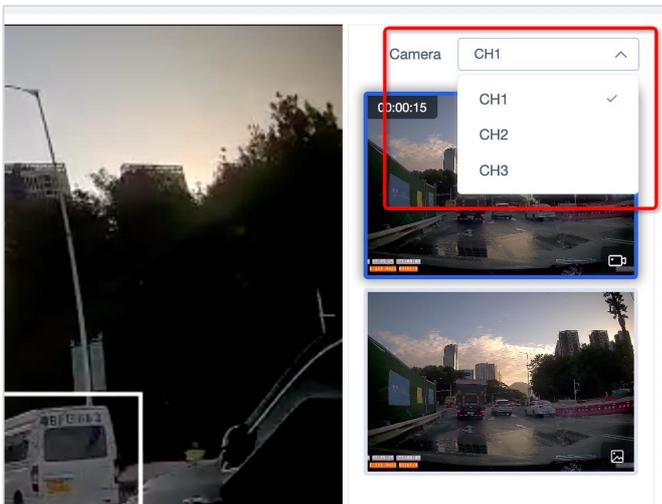
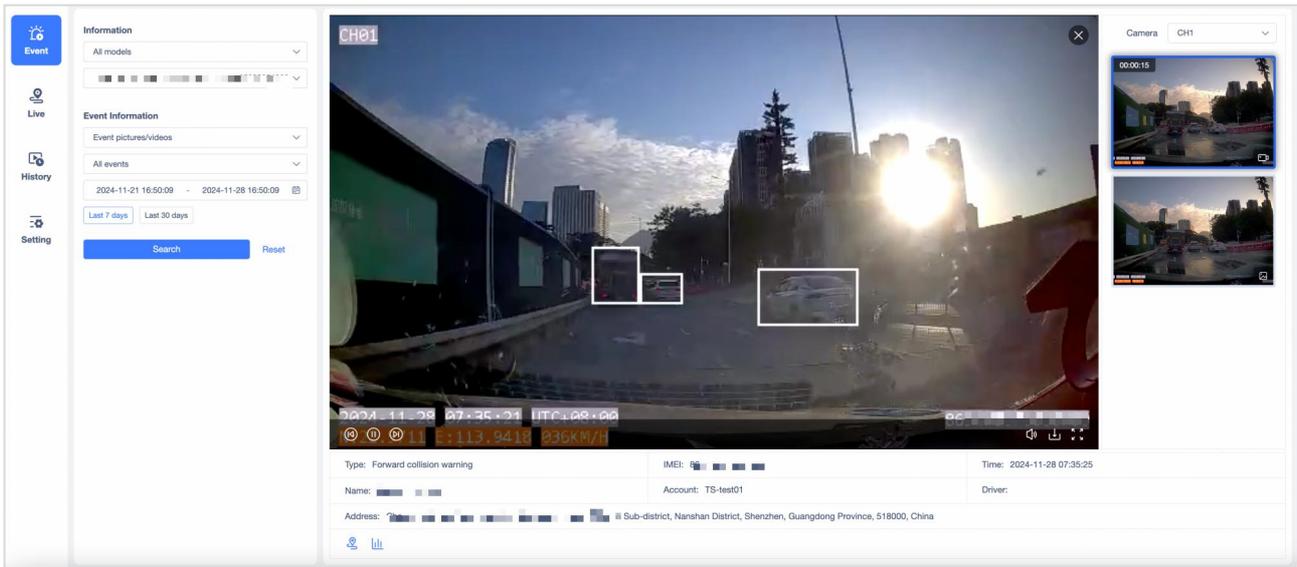
The event videos/pictures of different channels of the same device will be displayed together in one card. The total number of videos and pictures included in the event will be displayed in the lower right corner of the thumbnail. At the same time, the event name, location, and time will also be displayed on the card.



## 8.1.2 View event video

Click the card to enter the event video details page.

Users can play the event video on the details page, and can quickly view the previous video, next video, pause the video, turn on/off the speaker, download the video, and play it in full screen. Users can quickly switch between different videos or pictures in the same channel on the right, and can pull down to select different channels.



Click the Download button of Video to open the video playback page on a new page. You can drag the progress bar to view the video, turn off/on the speakers, play in full screen, or click the " . . ." in the lower right corner. Select "Download (click to download to local)", "Switch playback speed", or turn on "Picture in picture" in the drop-down list.



Below the video area, users can view relevant information about the event, you can view Type、IMEI、Time、Name、Account、Driver、Address.

More Action:

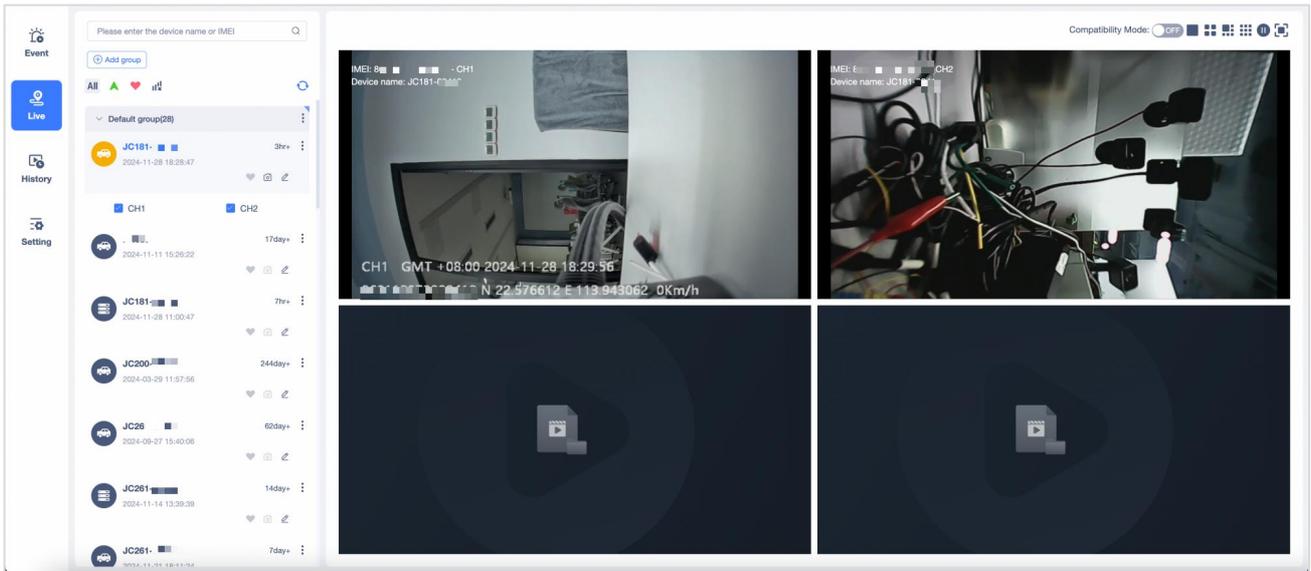
- Go to playback: Open track playback on a new page to view track playback records.
- Go to report: Open the report in a new page to view the report.



## 8.2 Live

This module is used to view the real-time video of the device.

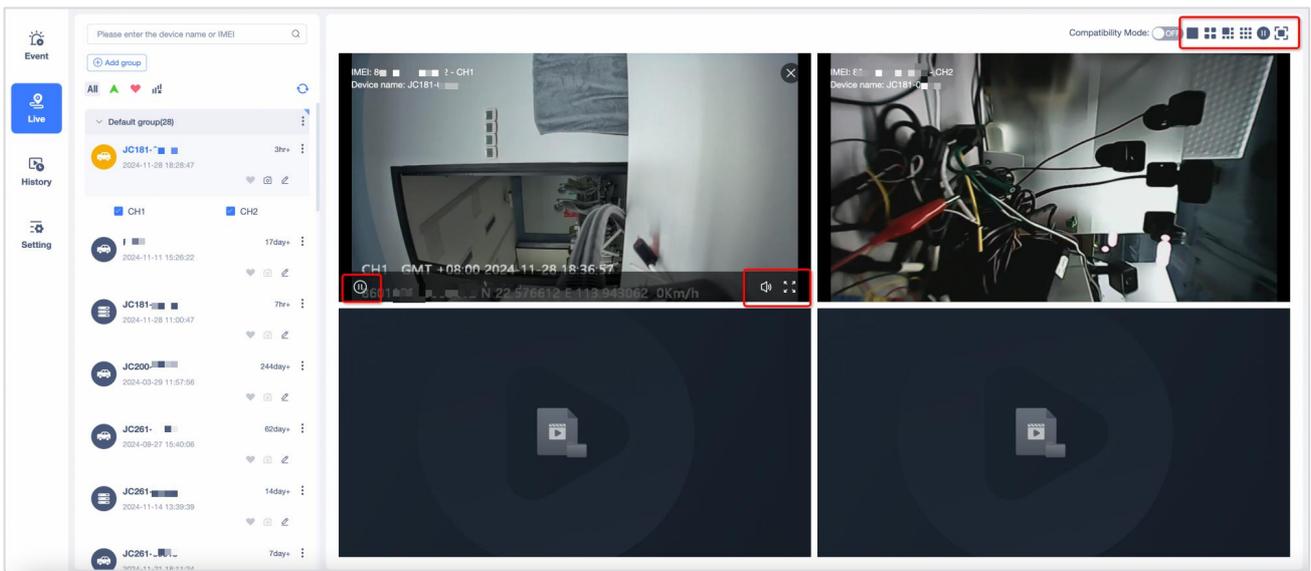
When viewing live broadcasts, the device must be online. The user now selects the device to be viewed in the device list on the left and checks the channel, then the live screen of the device and the channel will be loaded on the right screen.



## 8.2.1 View Live Broadcast

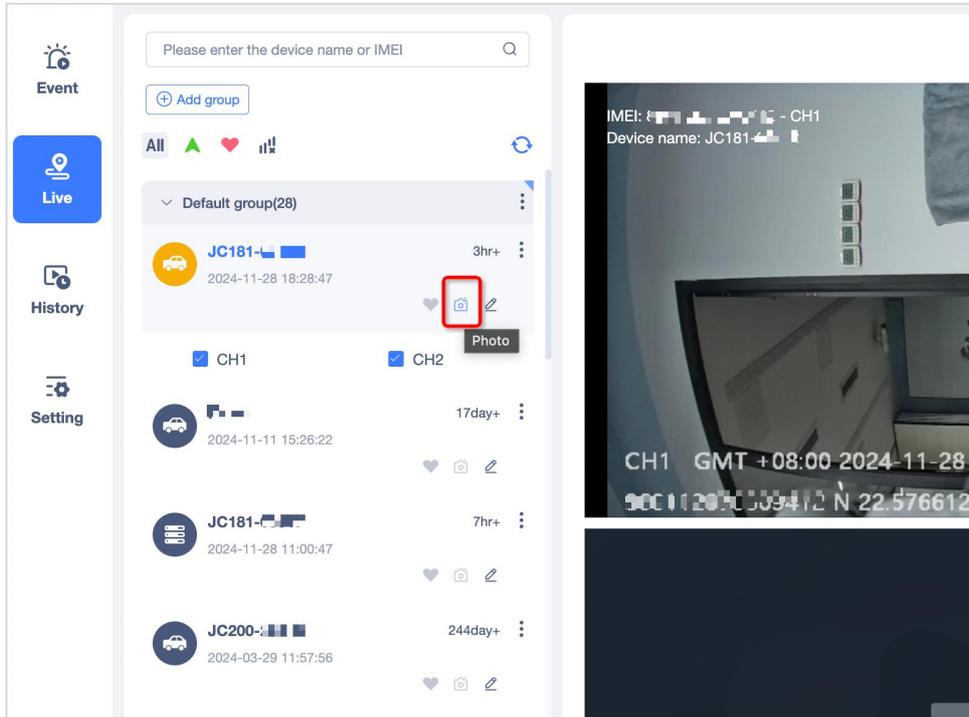
The live page is displayed in a four-grid format by default. Users can also switch between single channel, four-grid, six-grid, and nine-grid formats by clicking the button in the upper right corner. Up to 9 channels of video can be displayed at the same time. These 9 channels can come from different devices.

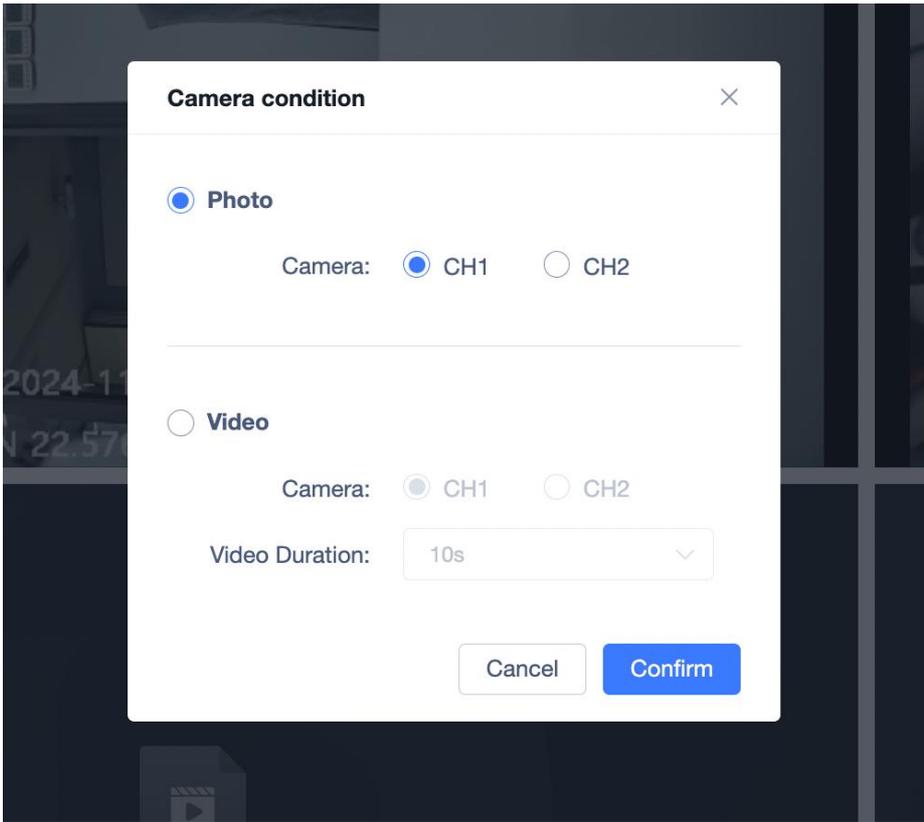
Users can "close", "pause", "mute", and "full screen" the live video of a single channel. They can also pause/play all channel live broadcasts with one click by clicking the button in the upper right corner, or watch in full screen.



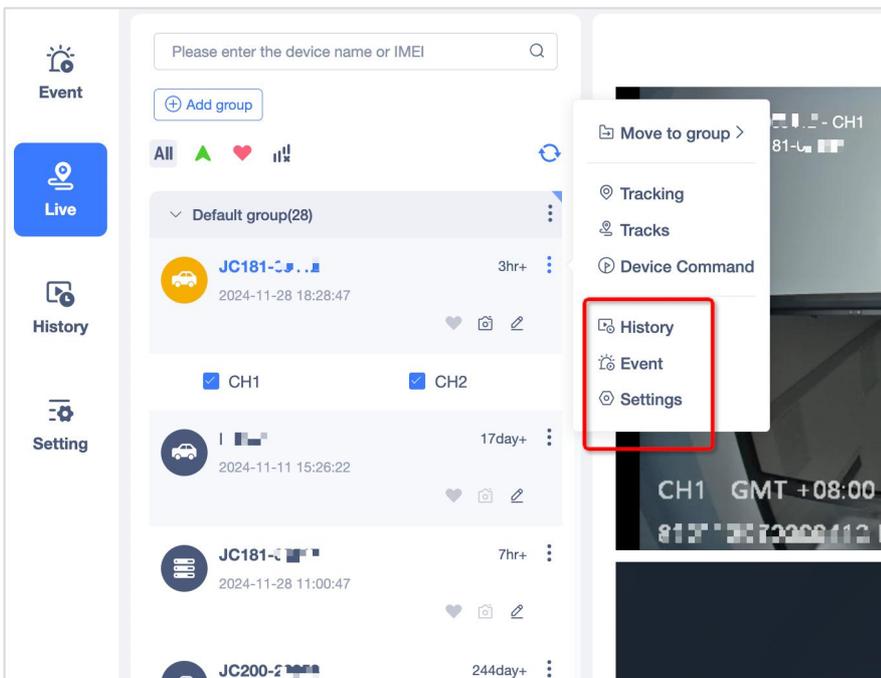
## 8.2.2 Remote photo/video recording

When watching live broadcasts, users can use the remote photo/video function to save photos or videos of a certain moment or time when they encounter a scene that needs to be recorded. Click the camera icon in the device list, and users can choose to take photos or record videos remotely. To take photos remotely, users need to select the camera to take photos, and to record videos, users need to select the camera and recording time.





Users can click on the "History", "Event", and "Setting" entries in the "More" button to quickly jump to the corresponding page.



## 8.3 History

### 8.3.1 View history video

The left side of the page is the filter area, and the right side is the history video display area. First select the device and channel you want to view, then select the time. After setting, click Search to search for history video, and click Reset to reset the filter items.

Since the platform needs to establish a connection with the device first, and then query the video files stored in the device, it usually takes a while. After the loading is complete, the blue part on the timeline below is the time period with recorded historical videos. Users can drag the timeline to view the video.

Other operations:

- Close Button - click the button to close the video.
- Sound Switch - click to turn sound on or off.
- Play/Pause Switch - click to play or pause video.
- Next/Last - click to view the next video or last video.
- Zoom Button - click the button to enlarge or reduce the video playback window.
- Select period - click to switch the time unit for viewing.



### 8.3.2 Download history video

If the user wants to download some history videos to local storage, he needs to first click the "Upload Video" button to let the device upload the

video to the platform cloud, and then click "Task center" to download the uploaded video to the local.

Currently supports uploading and downloading 10 history videos at a time, each video is 1 minute. The length of the history video is controlled by the device itself.



**Upload Video**

You can select up to 10 videos at a time. The selected videos will be uploaded to the cloud from the device memory card. Please download the videos locally from the task center.

Batch upload

2024-11-28 07:00:00

No.	Time	IMEI	Camera	File size	Actions
<input type="checkbox"/> 1	07:14:32 - 07:17:33	[IMEI]	CH1	13.00M	↓
<input type="checkbox"/> 2	07:17:32 - 07:20:32	[IMEI]	CH1	13.00M	↓
<input type="checkbox"/> 3	07:20:32 - 07:23:33	[IMEI]	CH1	13.25M	↓
<input type="checkbox"/> 4	07:23:33 - 07:26:33	[IMEI]	CH1	13.00M	↓
<input type="checkbox"/> 5	07:26:33 - 07:29:33	[IMEI]	CH1	13.25M	↓
<input type="checkbox"/> 6	07:29:33 - 07:32:34	[IMEI]	CH1	13.25M	↓
<input type="checkbox"/> 7	07:32:34 - 07:35:35	[IMEI]	CH1	13.25M	↓
<input type="checkbox"/> 8	07:35:35 - 07:38:36	[IMEI]	CH1	13.25M	↓
<input type="checkbox"/> 9	07:38:36 - 07:41:37	[IMEI]	CH1	11.00M	↓
<input type="checkbox"/> 10	07:41:37 - 07:44:38	[IMEI]	CH1	13.25M	↓
<input type="checkbox"/> 11	07:44:38 - 07:46:48	[IMEI]	CH1	9.75M	↓

2024-11-28 18:00:00

Task center

History videos are only saved for 7 days. Please download them in time. You can select up to 10 videos at a time.

Batch download

No.	Device name	IMEI	File name	Create Time	Status	Action
1	JC181			2024-11-28 14:49:34	Upload succeeded	Download
2	JC181			2024-11-28 11:44:37	Upload succeeded	Download
3	JC181		2024-11-28 11:37:40-2024-11-28 11:39:25_1	2024-11-28 11:40:13	Upload failed	Download
4	JC371		2024-11-27 13:39:36-2024-11-27 13:39:37_1	2024-11-27 13:42:03	Upload succeeded	Download
5	JC371-C			2024-11-27 10:40:36	Upload failed	Download
6	JC371			2024-11-27 10:37:56	Upload failed	Download
7	JC371			2024-11-27 10:36:28	Upload failed	Download
8	JC181		2024-11-26 00:02:46-2024-11-26 00:03:47_1	2024-11-26 16:43:01	Upload succeeded	Download
9	JC181		2024-11-26 00:01:38-2024-11-26 00:02:43_1	2024-11-26 16:43:01	Upload succeeded	Download
10	JC181-1		2024-11-26 00:00:37-2024-11-26 00:01:38_1	2024-11-26 16:43:01	Upload succeeded	Download
11	JC181			2024-11-26 15:27:10	Upload succeeded	Download
12	JC181			2024-11-26 15:25:43	Upload succeeded	Download
13	JC181			2024-11-26 15:00:59	Upload succeeded	Download
14	JC181		2024-11-25 14:48:42-2024-11-25 14:51:43_1	2024-11-25 15:23:43	Upload succeeded	Download
15	JC181		2024-11-25 15:02:43-2024-11-25 15:05:44_1	2024-11-25 15:11:48	Upload succeeded	Download
16	JC450Pro			2024-11-22 17:16:39	Upload succeeded	Download

## 8.4 Setting

When the device triggers an alert, you can set whether the event video is uploaded to the platform, and also support users to choose whether to upload corresponding alarm event pictures/files when the device alarms, and which camera channels to upload files.

If the configuration is turned on, when the device triggers an alarm, the platform will automatically issue instructions according to the configuration to let the device upload the video of the corresponding channel. If it is not turned on, when the alarm is triggered, no instructions will be issued to let the device upload.

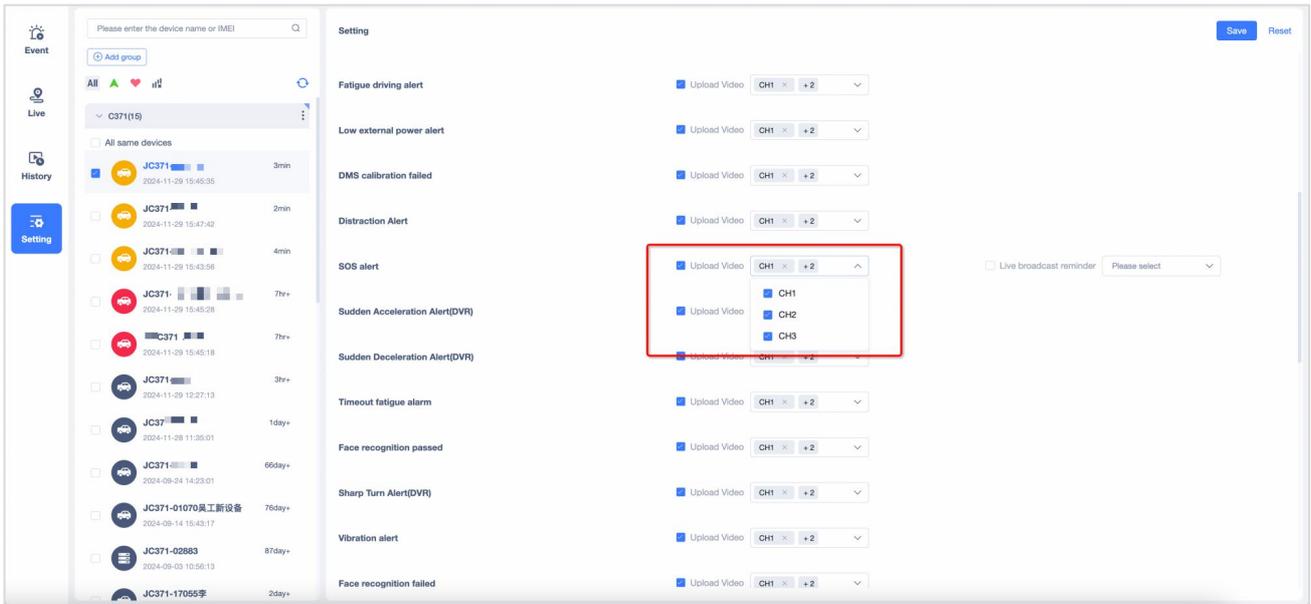
The event types supported by each model are different.

- When setting a single device, only the channels that are enabled are supported, and the channel name displays the nickname set by the user. The unenabled channels will be grayed out and cannot be selected;
- When setting the same model of devices in batches, the default number of channels and the default channel names of the models are displayed;

SOS alarm supports setting live screen pop-up reminders

If the user turns on the SOS alarm live reminder, when the device reports the SOS alarm, the live screen floating frame of the device will pop up directly on the page.

The user selects several channels, and then several floating frames will be displayed. Multiple floating frames overlap in the order of channels, and users can drag the floating frames to any place on the screen.



# 9 Fleet

## 9.1 Dashboard

For statistics of user Fleet module and associated device data, the upper-level account can switch to lower-level accounts through the account tree on the left to view the lower-level account data.

Digital statistical data and descriptions are as follows:

- Number of drivers: the total number of drivers under the current account;
- Number of vehicles: the total number of vehicles under the current account;
- Total mileage: the total mileage of all vehicles (bound to the device) under the current account, the default unit is KM (converted according to user settings), and you can switch to view the data of today and this week;
- Total exercise time: the total driving time of all vehicles (bound to the device) under the current account, the default unit is H, and you can switch to view the data of today and this week;
- Total fuel consumption: the total fuel consumption of all vehicles (bound to the device) under the current account, the default unit is L (converted according to user settings), and you can switch to view the data of today and this week;

The chart displays data and descriptions as follows:

- **Fuel consumption statistics:**
  - Bar chart, horizontal axis: license plate number, vertical axis: fuel consumption/L (converted according to user settings);
  - Statistical content: The total fuel consumption of all vehicles (bound to the device) under the current account is ranked in the "total fuel consumption"/"100 kilometers fuel

consumption" during the query time period, from high to low TOP10;

- Time range: today, the past 7 days

- **Mileage statistics:**

- Bar chart, horizontal axis: license plate number, vertical axis: mileage/KM (converted according to user settings);
- Statistical content: The "total mileage"/"average daily mileage" of all vehicles (bound to the device) under the current account during the query time period is ranked, from high to low TOP10;
- Time range: today, the past 7 days

- **Alarm type ratio:**

- Pie chart: The ratio of all alarms reported by all vehicles (bound to the device) under the current account, according to the alarm type statistics, the top 5 alarms are a separate category, The rest of the alarms are combined into one category;
- Time range: today, the past 7 days

- **Alarm statistics:**

- List display: All alarm times reported by all vehicles (bound to the device) under the current account are sorted by vehicle/alarm type, from high to low TOP10;
- Time range: today, the past 7 days

- **Reminder:**

- Pie chart: The proportion of the number of driver's license status/vehicle insurance status of all drivers under the current account, divided into three states: "normal", "about to expire", and "expired";
- Statistical content: "Driver's license reminder"/"Vehicle insurance reminder";

- **Exercise duration:**

- Bar chart, horizontal axis: license plate number, vertical axis: duration/H (converted according to user settings);
- Statistical content: "Exercise duration"/"Parking duration"/"Parking duration" of all vehicles (bound to the device) under the current account within the query time period, from high to low TOP10;
- Time range: today, the past 7 days



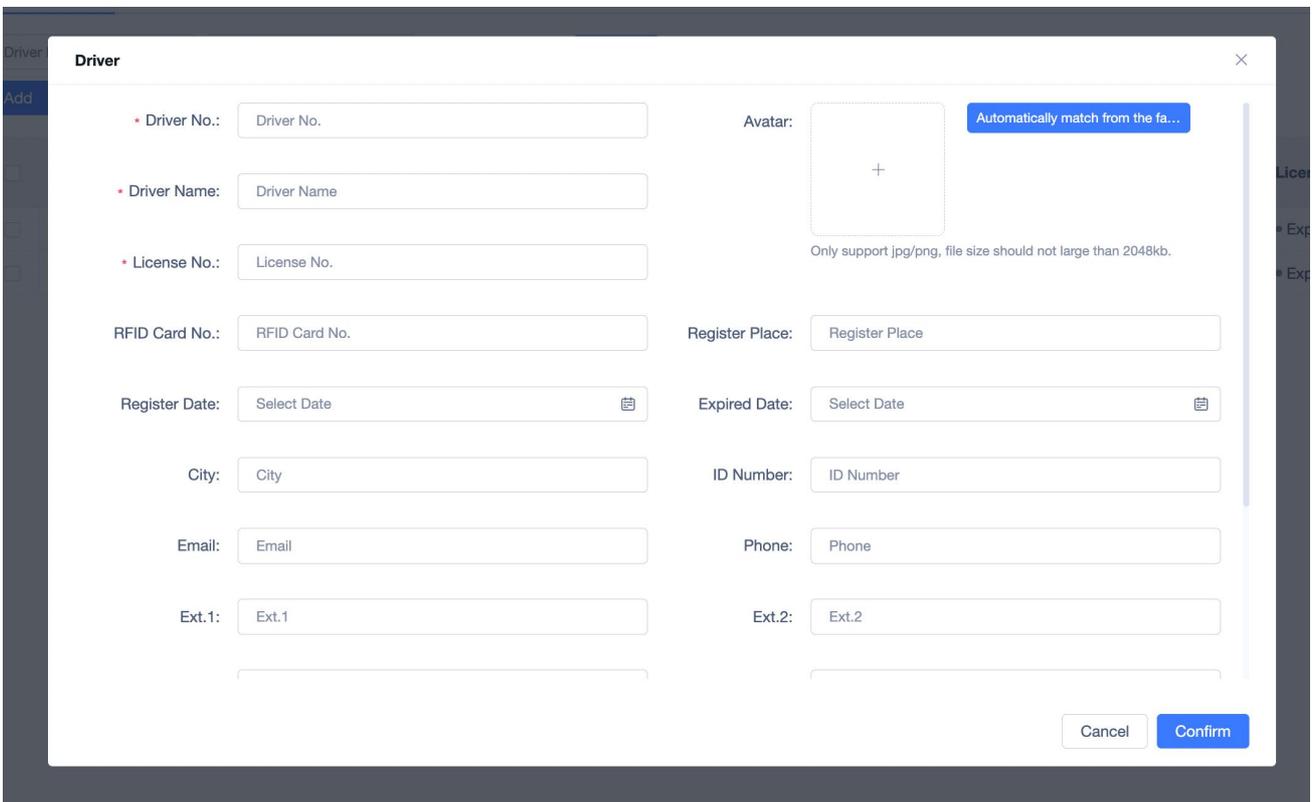
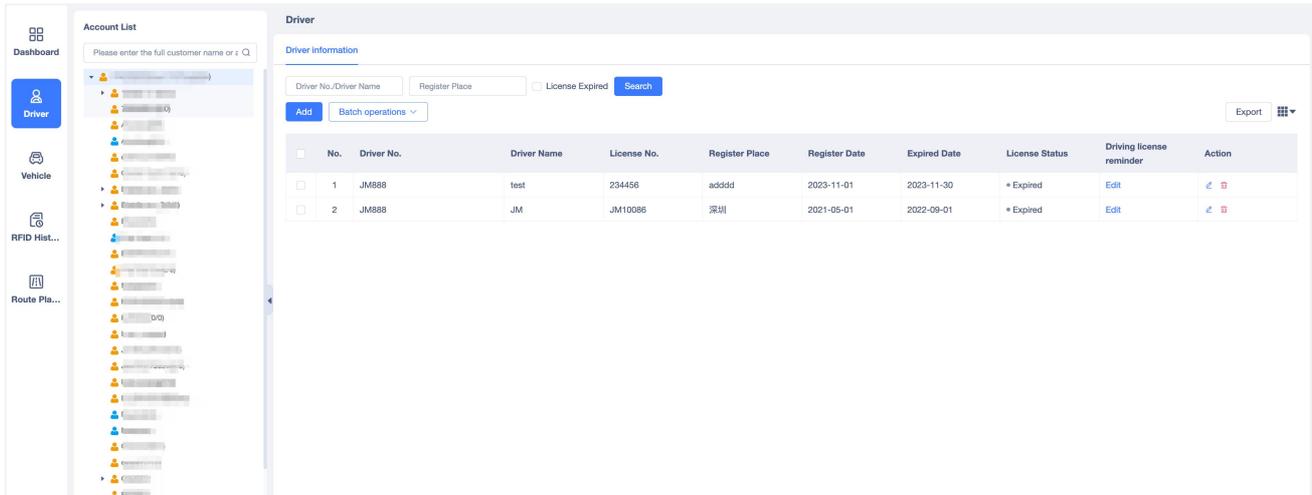
## 9.2 Driver

This module is used for driver information management and maintenance, supporting users to create, edit, delete driver information, create driver's license expiration reminders and other functions. Users can switch to other sub-accounts through the account tree on the left to view and manage the data of subordinate accounts.

- **Add new driver**

Click the "Add" button, and a pop-up box for adding driver information will pop up. The driver number, driver name, and driver's license number in the pop-up box are required. The driver

number is the unique identifier of the driver. Two new drivers with the same number cannot be created under the same account.



- **Driving license expiration reminder:**

Users can set reminders for a certain time before the driver's license expires. After setting, users can view the expiration of driver's license on the Fleet-Driver Information page.

If the driver's license meets the expiration reminder conditions, the platform will remind you through a small bell, message center, and email. The reminder push range: driver account + account that creates reminders + account that modifies reminders + added email addresses.

On the Fleet-driver information list page, click the "Edit" button in the reminder column to pop up a pop-up window for adding reminders.

Pop-up content:

- Reminder name: reminder name, no more than 50 characters;
- Advance notification: according to the four dimensions of day/week/month/year, the user can set the number of days/weeks/months/years in advance for notification;
- Time interval: after the expiration reminder, support configuration to remind again at a certain time; positive integer, according to the four dimensions of day/week/month/year, if the user does not fill in, only remind once;
- Email address: reminder notification email address, up to 3 email addresses can be added, the platform will need to verify the email format and authenticity;

Driver

Driver information

Driver No./Driver Name Register Place  License Expired Search

Add Batch operations Export

No.	Driver No.	Driver Name	License No.	Register Place	Register Date	Expired Date	License Status	Driving license reminder	Action
1	JM888	test	234456	adddd	2023-11-01	2023-11-30	* Expired	Edit	<a href="#">Edit</a> <a href="#">Delete</a>
2	JM888	JM	JM10086	深圳	2021-05-01	2022-09-01	* Expired	Edit	<a href="#">Edit</a> <a href="#">Delete</a>

Driver Name License No. Register Place Register Date

**Driving license reminder** ✕

\* Reminder Name:

\* Remind in Advance:

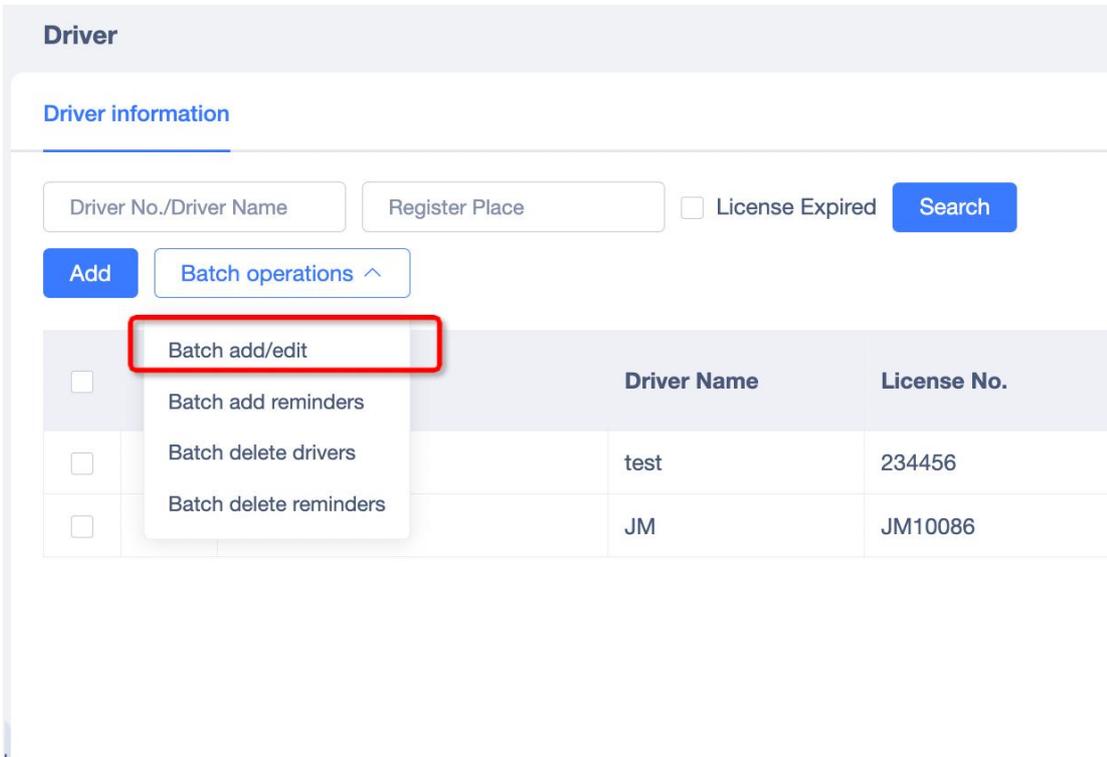
i Interval:

Notification Email:

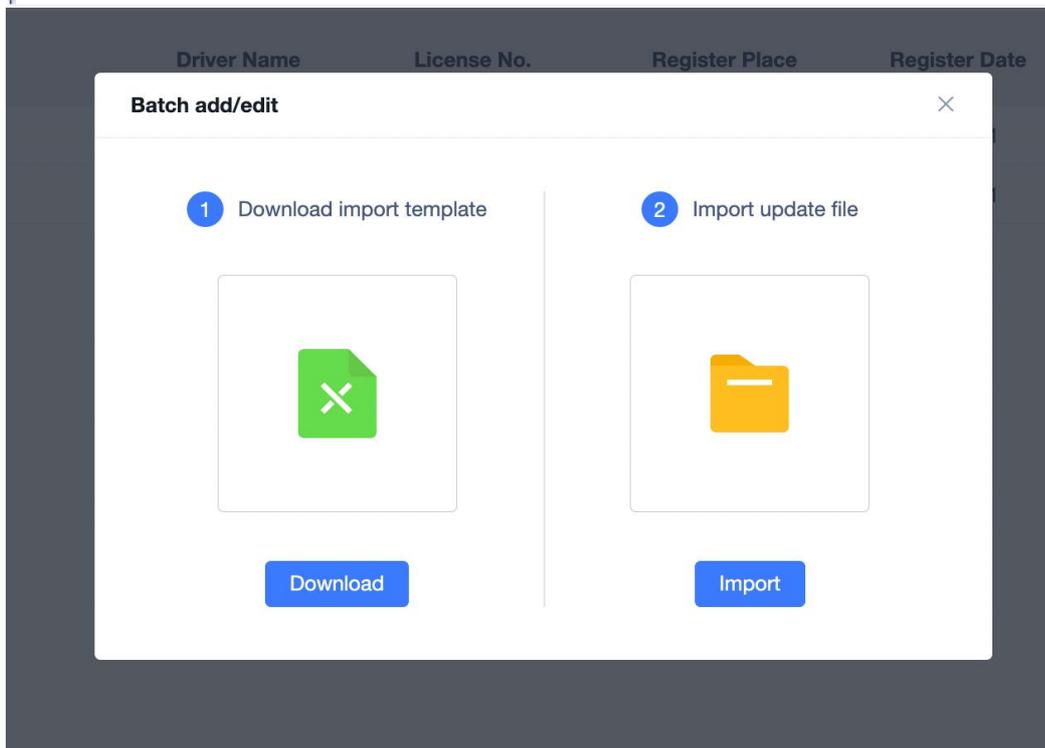
## Batch operations:

- **Batch add/edit:**

Add/edit driver information in batches through Excel. The existing driver numbers in Excel will be updated based on the content in Excel. The driver number that does not exist will be added, and a new driver information will be added based on the content in Excel.



The screenshot shows the 'Driver' management interface. At the top, there's a search bar with fields for 'Driver No./Driver Name', 'Register Place', and a checkbox for 'License Expired', followed by a 'Search' button. Below the search bar are two buttons: 'Add' and 'Batch operations ^'. The 'Batch operations' dropdown menu is open, showing four options: 'Batch add/edit' (highlighted with a red box), 'Batch add reminders', 'Batch delete drivers', and 'Batch delete reminders'. Below the menu is a table with columns 'Driver Name' and 'License No.'. The table contains two rows: one with 'test' and '234456', and another with 'JM' and 'JM10086'.

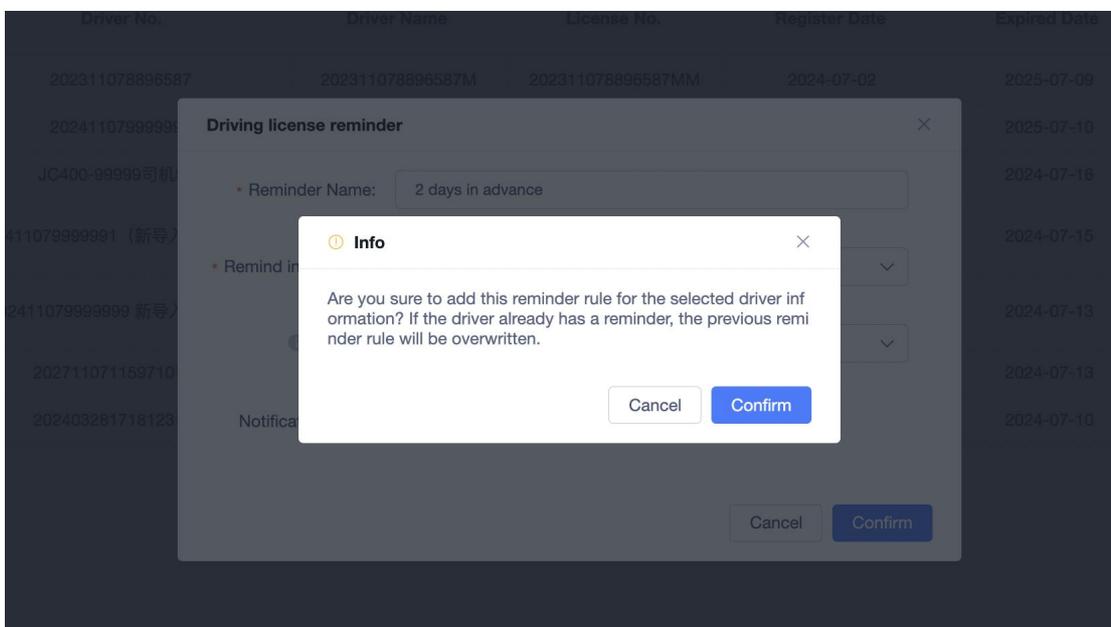
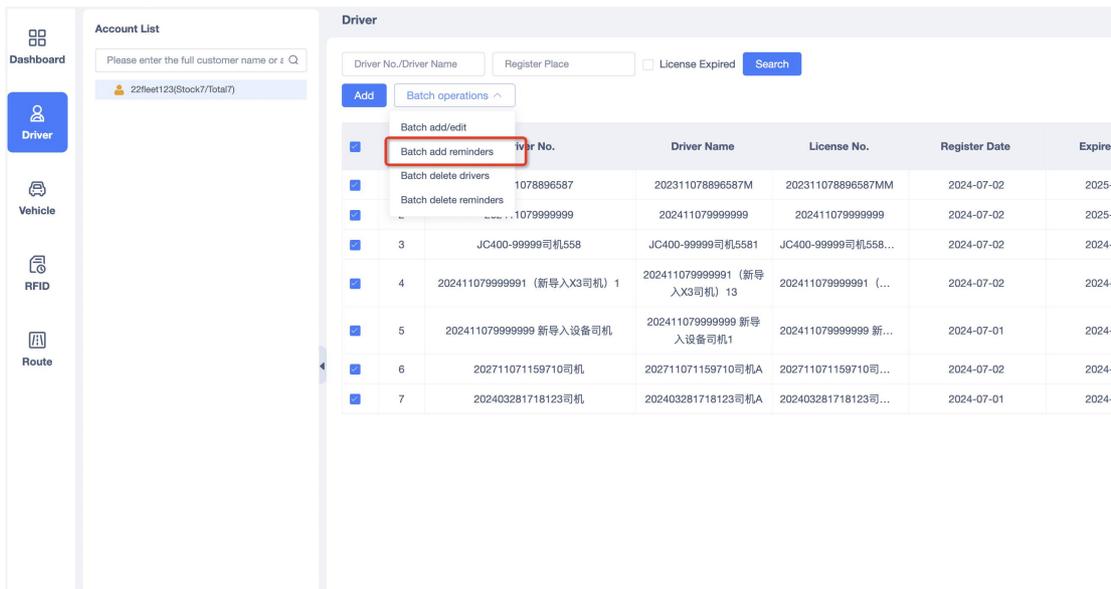


The screenshot shows a dialog box titled 'Batch add/edit' with a close button (X) in the top right corner. The dialog is divided into two main sections. The left section is labeled '1 Download import template' and features a green document icon with a white 'X' and a 'Download' button below it. The right section is labeled '2 Import update file' and features a yellow folder icon and an 'Import' button below it. The background of the dialog is dark gray.

- **Batch add reminders:**

Support users to batch add/edit reminder information. After the user selects the driver information, click "Batch add reminders" to pop up a pop-up window for adding new reminders. After the configuration is completed, a second confirmation pop-up window will pop up. After clicking "Confirm", the reminder is saved successfully.

If no reminder has been added to the selected driver, a new reminder will be added; if a reminder has already been added, the current reminder rule will overwrite the previous reminder rule.



- **Batch delete drivers :**

Users can select multiple driver data and click Delete to achieve batch deletion.

After clicking, a secondary confirmation pop-up box pops up. After the user confirms, the deletion is carried out.

The screenshot shows a web application interface for driver management. On the left is a sidebar with navigation icons for Dashboard, Driver, Vehicle, RFID, and Route. The main area is split into two panels: 'Account List' on the left and 'Driver' on the right. The 'Driver' panel contains search filters and a table of driver records. A 'Batch operations' dropdown menu is open over the table, with 'Batch delete drivers' highlighted in red. The table has columns: No., Driver No., Driver Name, License No., Register Date, and Expired Date.

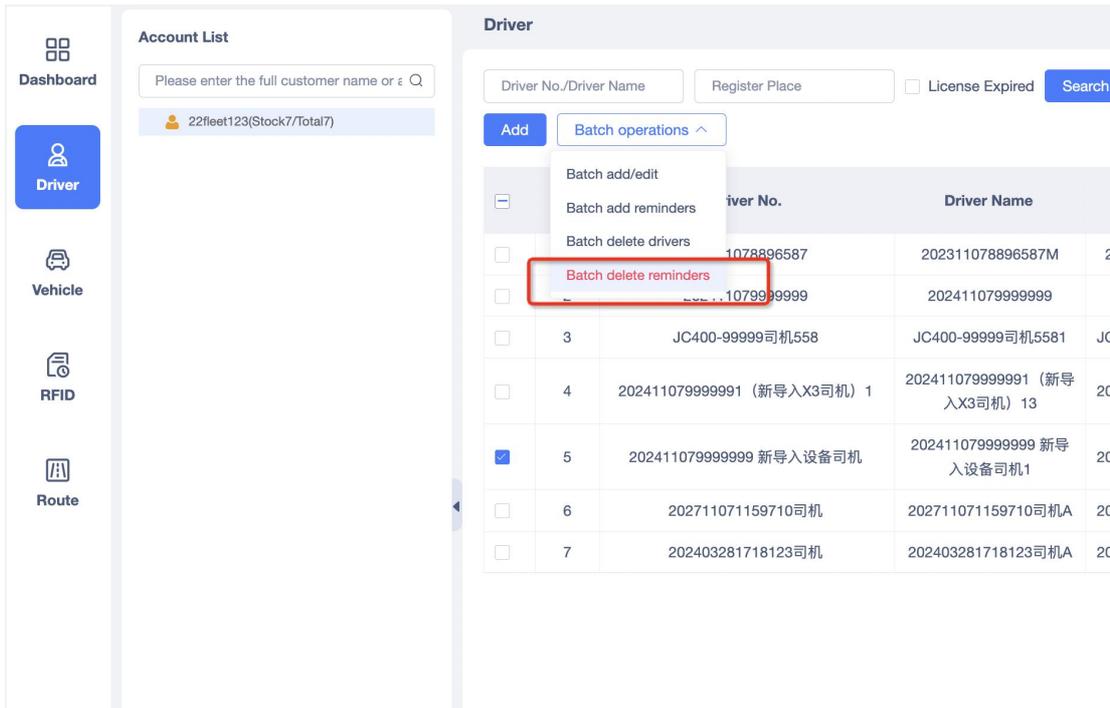
No.	Driver No.	Driver Name	License No.	Register Date	Expired Date
1	202311078896587	202311078896587M	202311078896587...	2024-07-02	2025-07-09
2	202411079999999	202411079999999	202411079999999	2024-07-02	2025-07-10
3	JC400-99999司机558	JC400-99999司机558	JC400-99999司机558...	2024-07-02	2024-07-16
4	202411079999991 (新导入X3司机) 1	202411079999991 (新导入X3司机) 13	202411079999991 (...)	2024-07-02	2024-07-15
5	202411079999999 新导入设备司机	202411079999999 新导入设备司机1	202411079999999 新...	2024-07-01	2024-07-13
6	202711071159710司机	202711071159710司机A	202711071159710...	2024-07-02	2024-07-13
7	202403281718123司机	202403281718123司机A	202403281718123...	2024-07-01	2024-07-10

This screenshot shows the same driver data table as above, but with a confirmation dialog box overlaid in the center. The dialog box has a title 'Operation' and a close button (X). The main text reads: 'Data cannot be restored after deletion. Do you confirm deletion?'. At the bottom of the dialog are two buttons: 'Cancel' and 'Confirm'.

- **Batch Delete reminders:**

Users can select multiple driver data and click Delete. The reminder configuration of the selected driver will be deleted;

After clicking, a secondary confirmation pop-up box pops up. After the user confirms, the deletion is carried out.

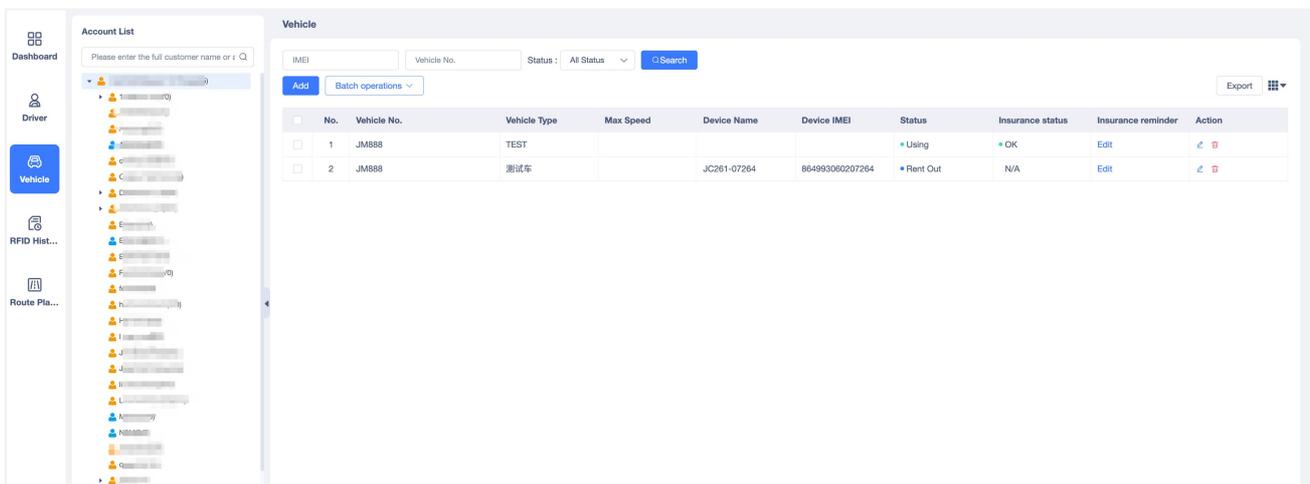


### 9.3 Vehicle

This module is used for vehicle information management and maintenance, supporting users to create, edit, delete vehicle information, create vehicle insurance expiration reminders and other functions. Users can switch to other subordinate accounts through the account tree on the left to view and manage the data of subordinate accounts.

- **Add new vehicle**

Click the "Add" button, and a pop-up box for adding vehicle information will pop up. The vehicle number(license plate number), vehicle type in the pop-up box are required. The vehicle number is the unique identifier of the vehicle. Two new vehicles with the same number cannot be created under the same account.



The image shows a 'Vehicle' form with the following fields and options:

- Vehicle No.: [Text Input]
- Vehicle Type: [Text Input]
- Primary device: [Dropdown Menu: Select device]
- Engine Number: [Text Input]
- Status:  Using,  Vacant,  Rent Out
- Max Speed: [Text Input] km/h
- Brand: [Text Input]
- Model: [Text Input]
- Number Of: [Text Input]
- Vehicle: [Image Upload Area with '+' icon]
- Driver Name: [Text Input]
- VIN: [Text Input]
- Fuel / 100km: [Text Input] L
- Color: [Text Input]
- Production Year: [Text Input]

Additional text: 'Only support jpg/png, file size should not large than 2048kb.'

Buttons: Cancel, Confirm

- **Vehicle insurance expiration reminder:**

Users can set reminders for a certain time before the vehicle insurance expires. After setting, users can view the expiration of insurance on the Fleet-Vehicle Information page.

If the vehicle insurance meets the expiration reminder conditions, the platform will remind you through a small bell, message center, and email. The reminder push range: vehicle account + account that creates reminders + account that modifies reminders + added email addresses. On the Fleet-vehicle information list page, click the "Edit" button in the reminder column to pop up a pop-up window for adding reminders.

Pop-up content:

- Reminder name: reminder name, no more than 50 characters;
- Advance notification: according to the four dimensions of day/week/month/year, the user can set the number of days/weeks/months/years in advance for notification;
- Time interval: after the expiration reminder, support configuration to remind again at a certain time; positive integer, according to the four dimensions of day/week/month/year, if the user does not fill in, only remind once;
- Email address: reminder notification email address, up to 3 email addresses can be added, the platform will need to verify the email format and authenticity;

Vehicle

IMEI:  Vehicle No.:  Status: All Status

No.	Vehicle No.	Vehicle Type	Max Speed	Device Name	Device IMEI	Status	Insurance status	Insurance reminder	Action
1	JM888	TEST				Using	OK	<a href="#">Edit</a>	<a href="#">Edit</a> <a href="#">Delete</a>
2	JM888	测试车		JC261-07264	864993060207264	Rent Out	N/A	<a href="#">Edit</a>	<a href="#">Edit</a> <a href="#">Delete</a>

TEST

264

**Insurance reminder** ✕

\* Reminder Name:

\* Remind in Advance:

*i* Interval:

Notification Email:

**Batch operations:**

- **Batch add/edit:**

Add/edit vehicle information in batches through Excel. The existing vehicle numbers in Excel will be updated based on the content in Excel. The vehicle number that does not exist will be added, and a new vehicle information will be added based on the content in Excel.

**Vehicle**

IMEI  Vehicle No.  Status : All Status

<input type="checkbox"/>	Batch add/edit	Vehicle Type	Max Speed
<input type="checkbox"/>	Batch add reminders	TEST	
<input type="checkbox"/>	Batch delete vehicles		
<input type="checkbox"/>	Batch delete reminders	测试车	

TEST

**Batch add/edit** ×

**1** Download import template



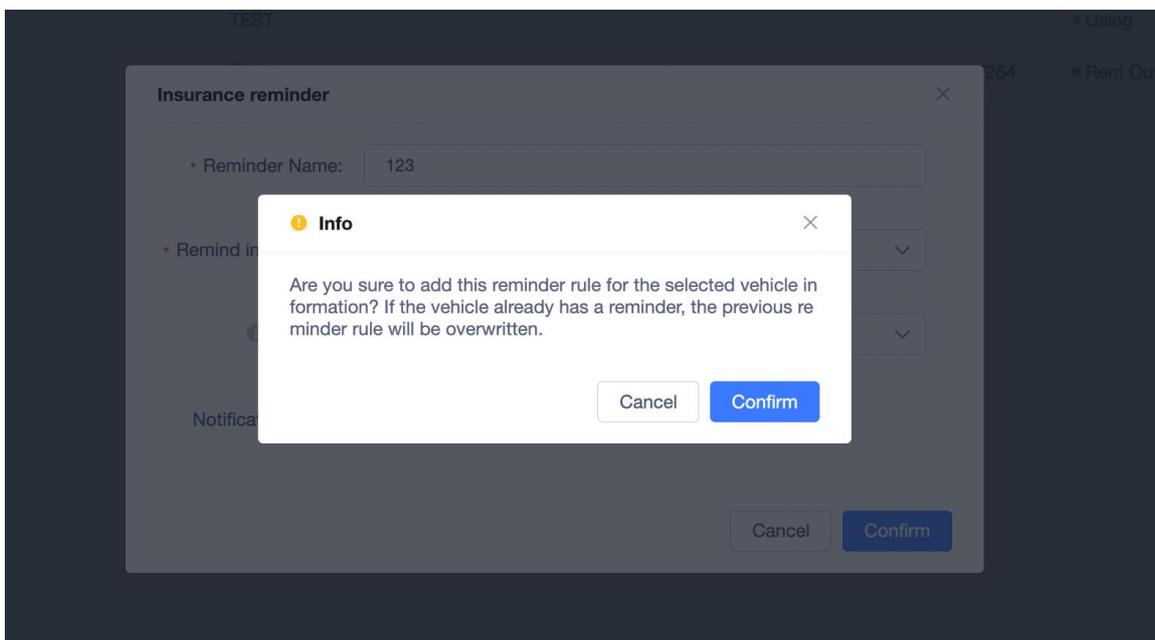
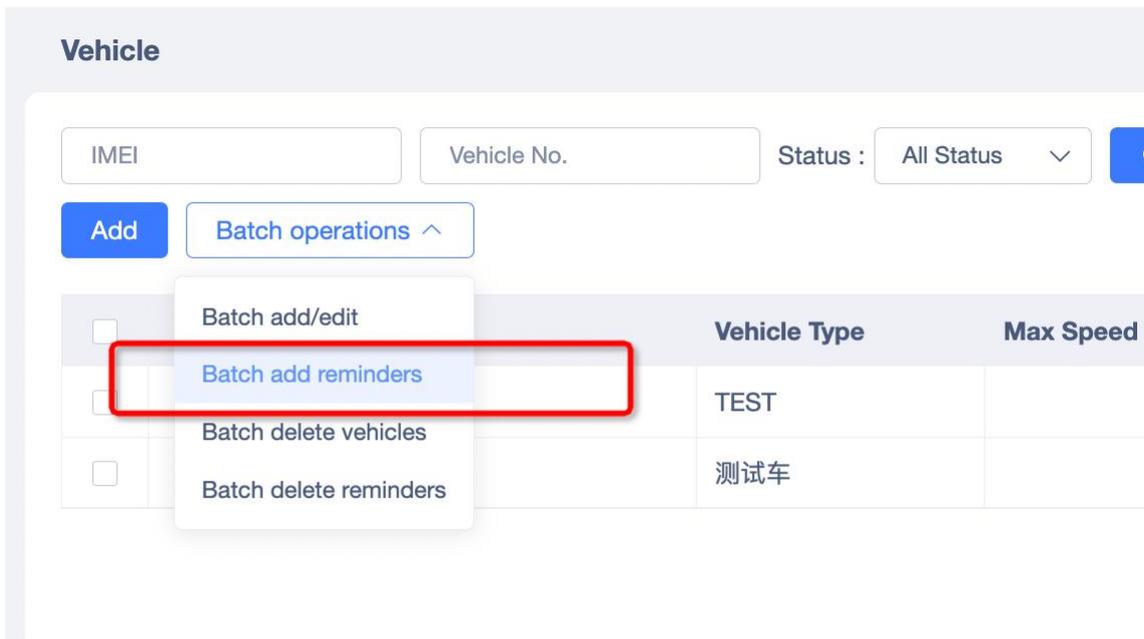
**2** Import update file



- **Batch add reminders:**

Support users to batch add/edit reminder information. After the user selects the driver information, click "Batch add reminders" to pop up a pop-up window for adding new reminders. After the configuration is completed, a second confirmation pop-up window will pop up. After clicking "Confirm", the reminder is saved successfully.

If no reminder has been added to the selected vehicle , a new reminder will be added; if a reminder has already been added, the current reminder rule will overwrite the previous reminder rule.



- **Batch delete vehicles:**

Users can select multiple vehicle data and click Delete to achieve batch deletion.

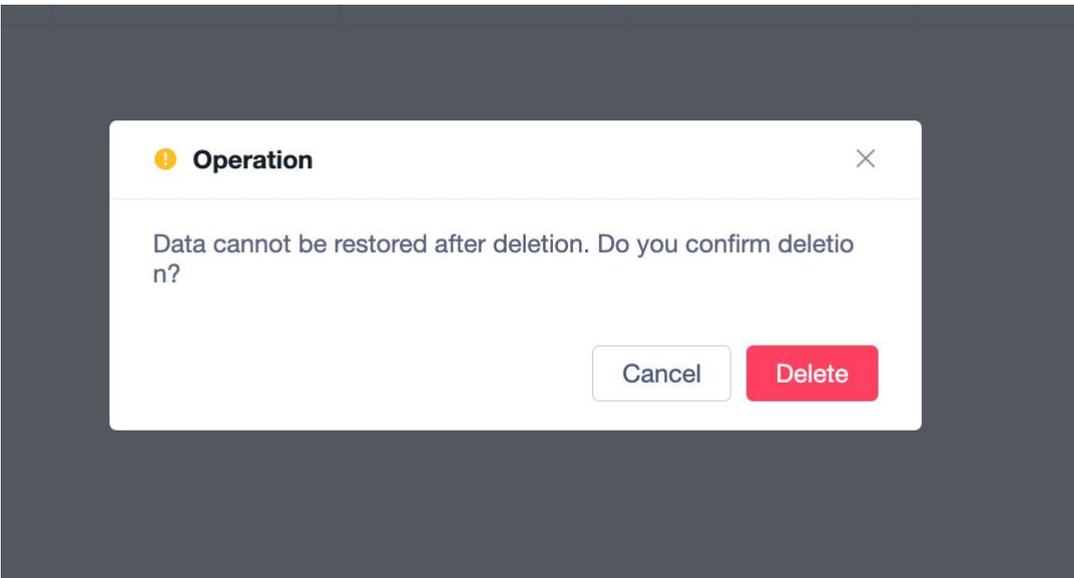
After clicking, a secondary confirmation pop-up box pops up. After the user confirms, the deletion is carried out.

**Vehicle**

IMEI  Vehicle No.  Status : All Status

	Vehicle Type	Max Speed
<input type="checkbox"/>	TEST	
<input type="checkbox"/>	测试车	

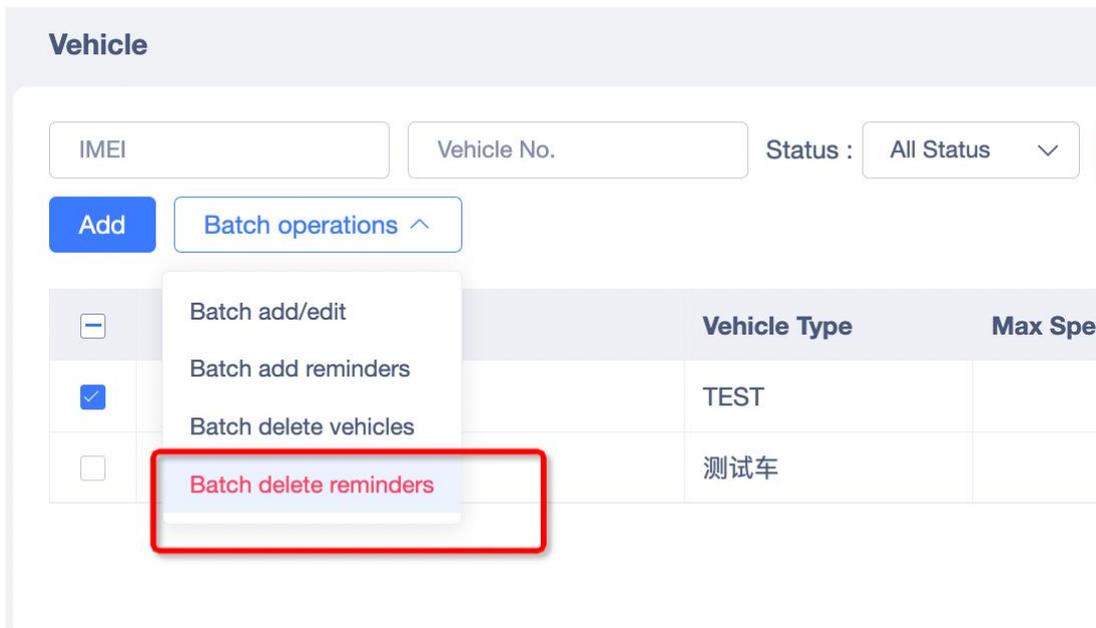
Batch add/edit  
Batch add reminders  
**Batch delete vehicles**  
Batch delete reminders



- **Batch delete reminders:**

Users can select multiple vehicle data and click Delete. The reminder configuration of the selected driver will be deleted;

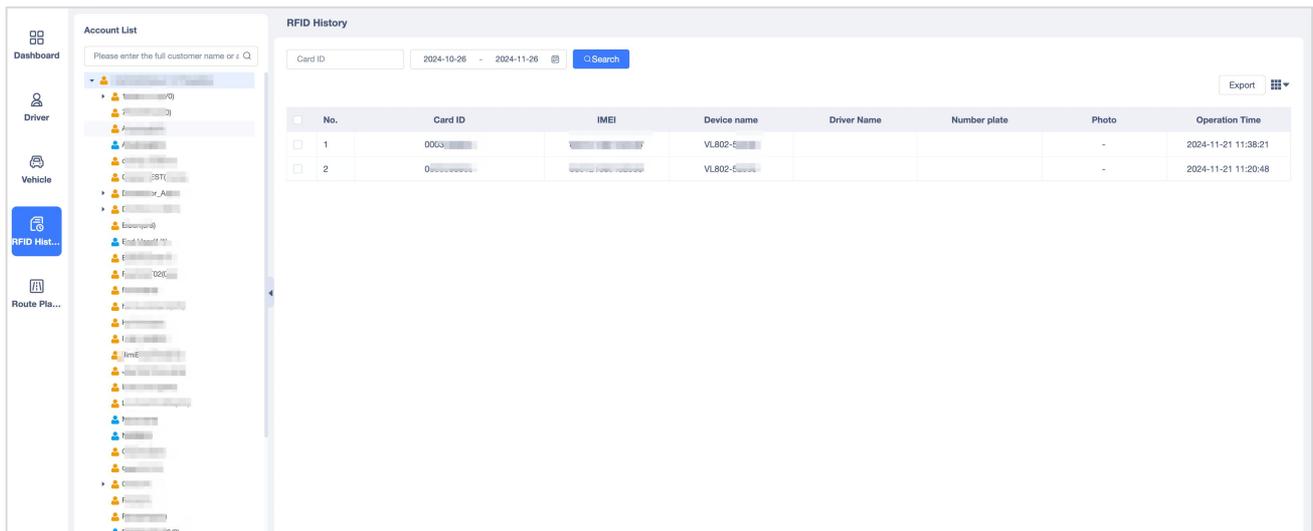
After clicking, a secondary confirmation pop-up box pops up. After the user confirms, the deletion is carried out.



## 9.4 RFID History

This module is used to query the RFID information reported by the device, including card ID, device IMEI, device name, driver name, number plate, and operation time. Some models of DVR device will take a photo and upload it to the platform when the RFID card is swiped, and the platform will display it together with this RFID information.

Users can switch to other subordinate accounts through the account tree on the left to view and manage the data of subordinate accounts.



## 9.5 Route Planning

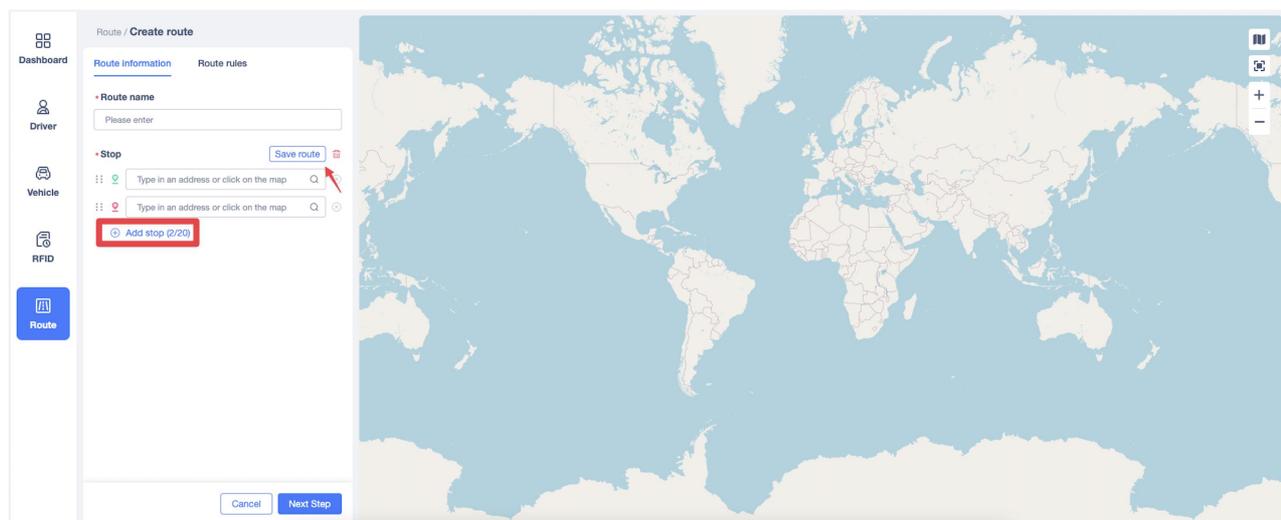
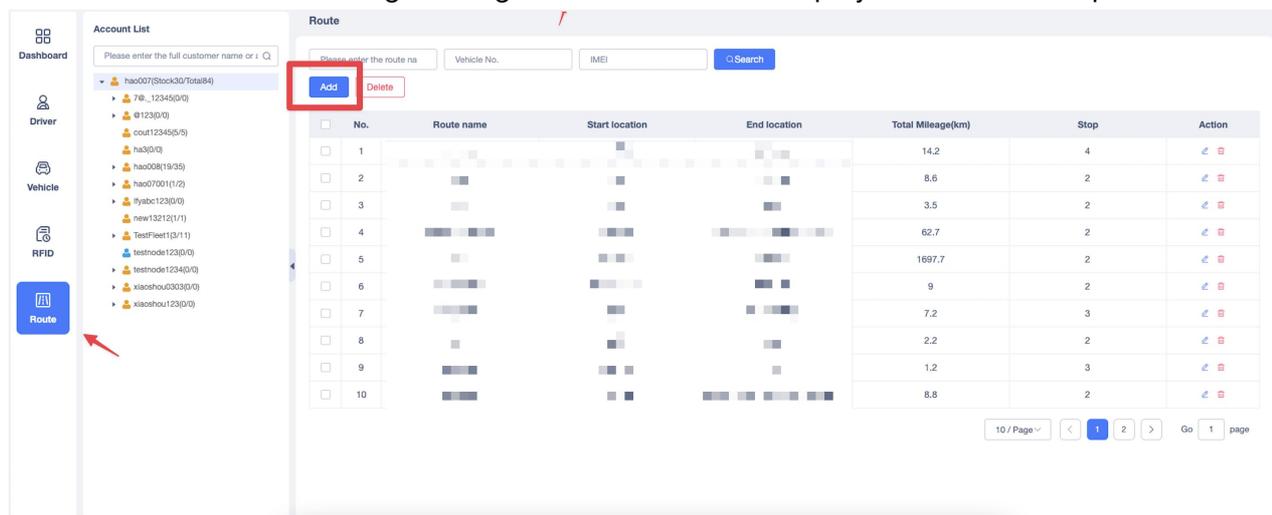
Route planning and route deviation alert functions, further enhance the fleet management experience by optimizing vehicle dispatch and operational efficiency. It can be applied in fleet

management scenarios such as logistics and delivery, car rental companies, and shared vehicle management.

Users can switch to other subordinate accounts through the account tree on the left to view and manage the data of subordinate accounts.

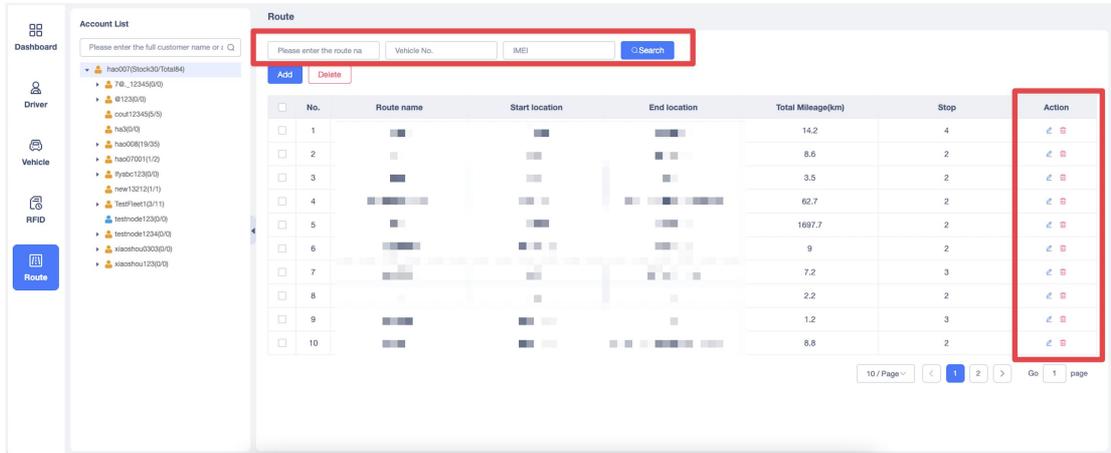
### Route creation

- Route Name: When creating a route, you can assign a name that meets business management needs.
- Usage Rules: The route can be configured with an effective time and assigned vehicles. When the vehicles do not meet the rule conditions, platform alerts will be triggered.
- Start and End Locations: Set the start and end points for the route.
- Stops: Including the start and end locations, up to 20 stops can be added to the route, allowing for personalized route settings.
- Total Mileage: By setting the start location and waypoints, the platform will automatically calculate the total mileage during route creation and display it in the route report.



## Search, edit & delete routes

Routes can be searched by route name, license plate number, or associated IMEI, with support for fuzzy search. Existing routes can be edited or deleted.



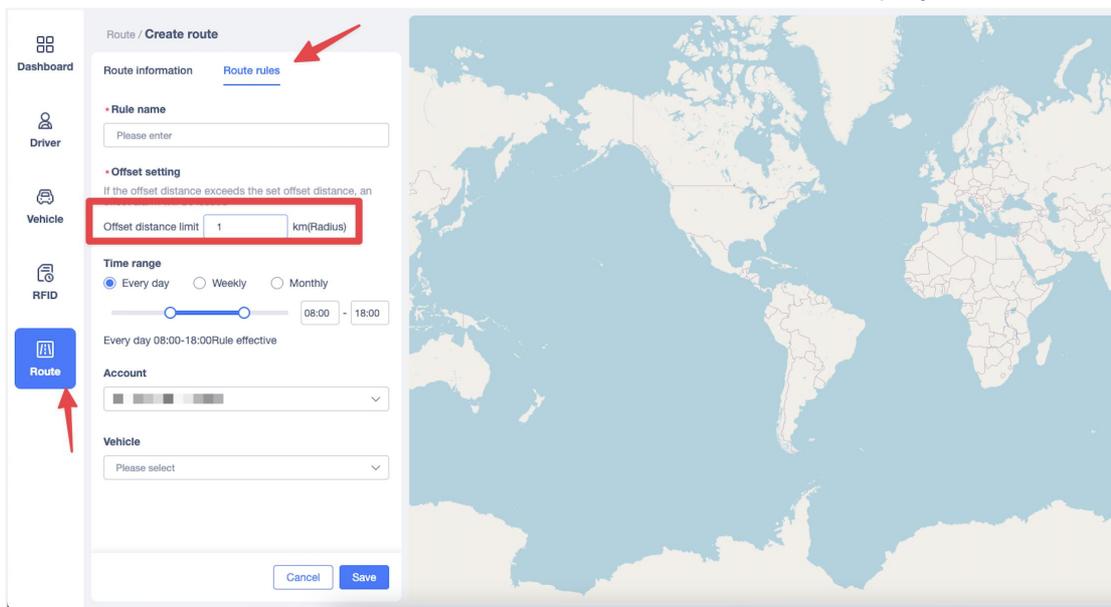
The screenshot shows the 'Route' management interface. At the top, there is a search bar with fields for 'Please enter the route name', 'Vehicle No.', and 'IMEI', and a 'Search' button. Below the search bar are 'Add' and 'Delete' buttons. The main area contains a table of routes with the following columns: No., Route name, Start location, End location, Total Mileage(km), Stop, and Action. The Action column contains edit and delete icons for each route. A red box highlights the search bar and the Action column.

No.	Route name	Start location	End location	Total Mileage(km)	Stop	Action
1				14.2	4	
2				8.6	2	
3				3.5	2	
4				62.7	2	
5				1697.7	2	
6				9	2	
7				7.2	3	
8				2.2	2	
9				1.2	3	
10				8.8	2	

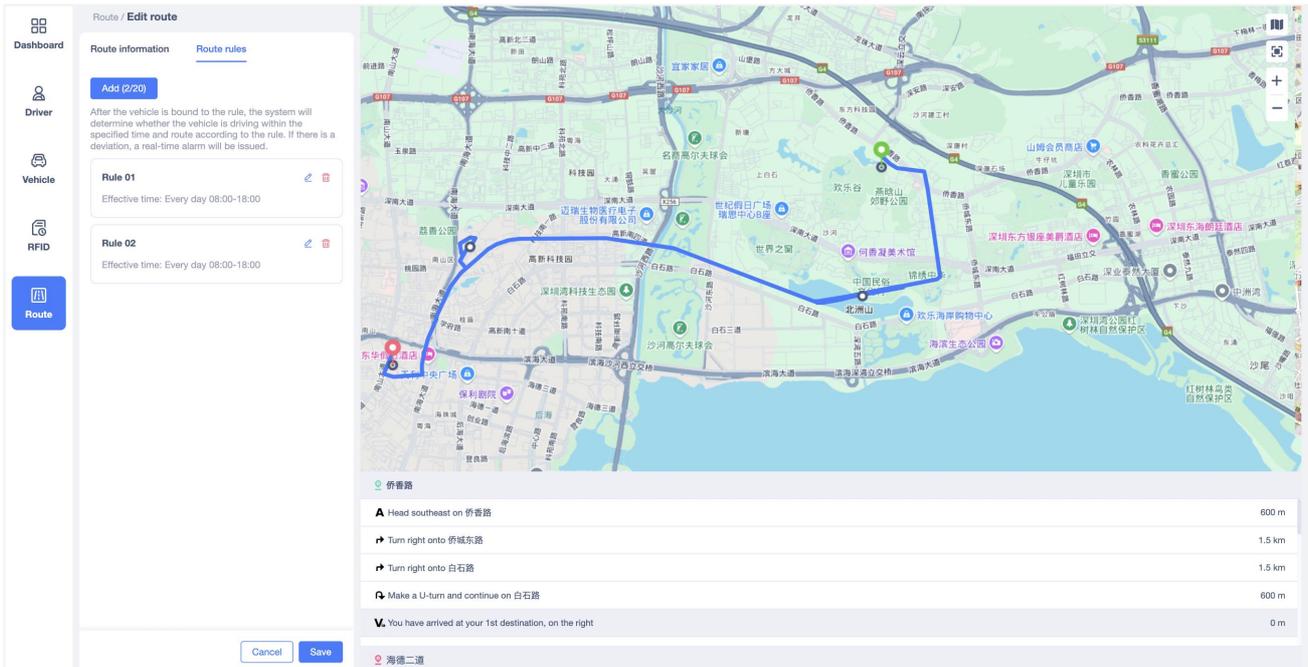
## Route rule configuration

A maximum of 20 rules can be created for a single route, and each rule can be configured with the following information:

- Route Deviation Threshold: Set the acceptable route deviation distance, within which a vehicle is not considered off-route. The default value is 1 km.
- Time Range: Configure the frequency and time period during which the system checks if vehicles follow the route. The frequency can be set to day/week/month, and the minimum unit for the time range is 30 minutes.
- Account Settings: Support for selecting this account and subordinate accounts.
- Vehicles: Vehicles can be selected in batches, with license plate numbers prioritized for display. If a vehicle is bound to a device, the device name will also be displayed.



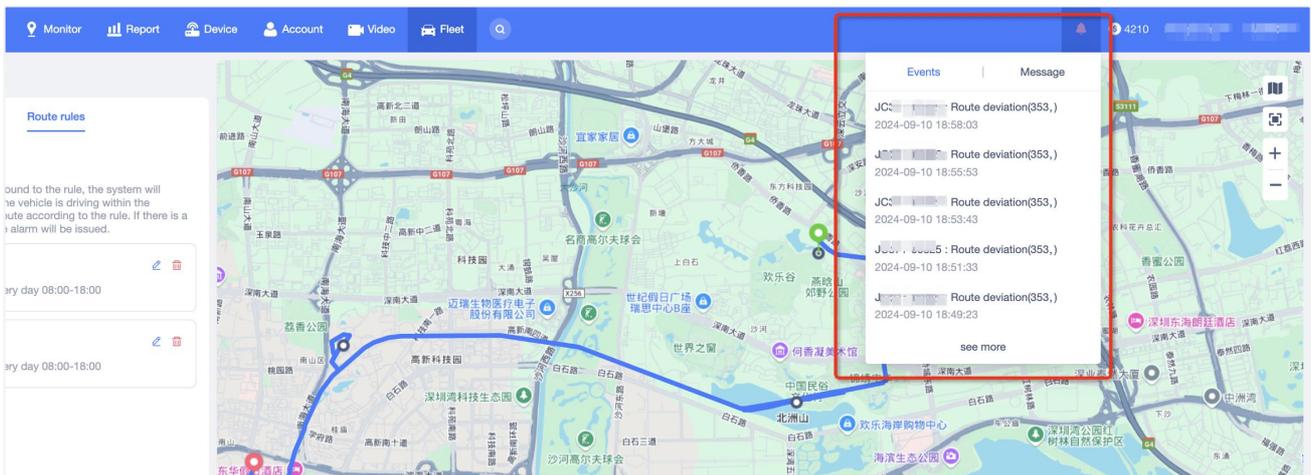
The screenshot shows the 'Route / Create route' configuration interface. The 'Route rules' tab is selected. The configuration fields are: 'Rule name' (text input), 'Offset setting' (text input with a note: 'If the offset distance exceeds the set offset distance, an'), 'Offset distance limit' (input field with '1' and 'km(Radius)'), 'Time range' (radio buttons for 'Every day', 'Weekly', 'Monthly', and a time range slider from '08:00' to '18:00'), 'Account' (dropdown menu), and 'Vehicle' (dropdown menu). A red arrow points to the 'Route rules' tab, and another red arrow points to the 'Route' button in the sidebar.



## Route deviation alerts

According to the user-defined route rules, if a deviation occurs, a route deviation alert will be triggered. The alert notification will include the route name to facilitate identification. Route deviation alerts belong to the trip-related alerts category.

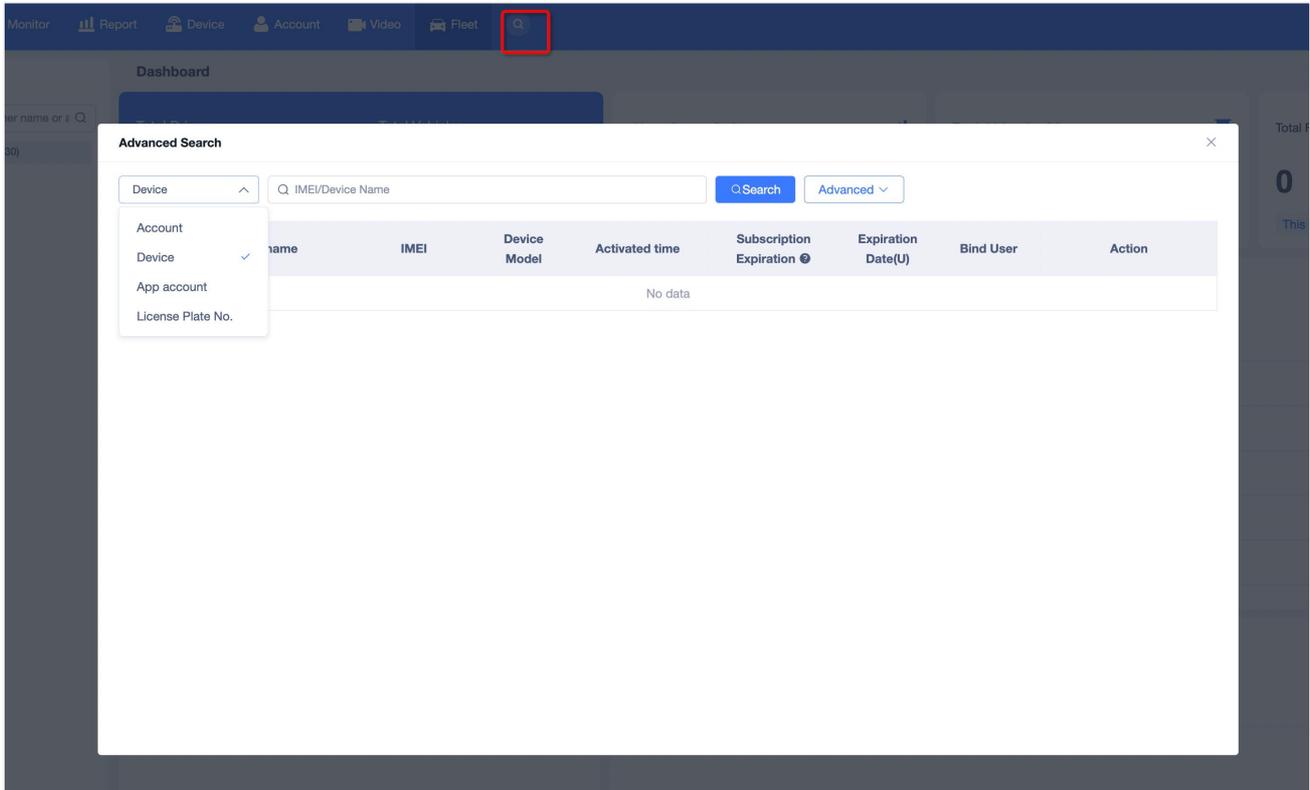
If the vehicle continues to deviate from the route, an alert will be reported every 2 minutes until the vehicle reaches the destination or returns to the designated route.



# 10 Advanced Search

Advanced Search provides users with very rich capabilities to search for devices, platform users, and app users.

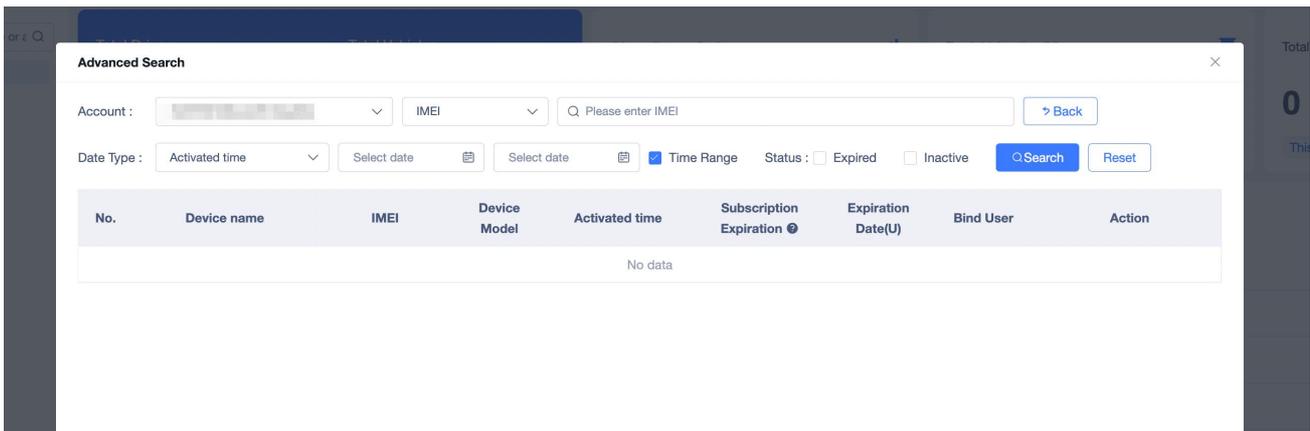
The user only needs to enter the customer name/account, or device name/IMEI to query all the information of the user or device and the corresponding functions provided by the platform. Platform user is same definition to account, but app user is registered in Apps, it' s not in the account tree.



## 10.1 Search Device

By default, search devices in Advanced Search is base on IMEI or device name by default. Click the "Advanced" button on the right, and other search items will appear, as follows

- **Account** - search device by selected account.
- **Device Fields** - including IMEI,License Plate No, Model, SN, VIN, SIM, Device Name.
- **Date type** - including activation date, user expiration date, platform expiration date, supports query by time period, users need to select the start time and end time.
- **Status** - Expired or Not Activated.



The matched results will be list on the bottom datagrid.The Actions links in the result help user to do other operations:

- **Playback** - new page to playback tracks.
- **Tracking** - new page to view real-time tracking.
- **Alert** - new page to alert details report.
- **Monitor** - new page to Monitor page.

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	AT11-4959U	861306...	AT11	2022-11-03	2023-11-04	2023-11-04		Playback Tracking Alert Monitor

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	han011	Sales	han011	1888888888	341	Monitor View Devices

Click Detail link shows following tabs:

- **User Relationship** - shows device basic fields and relationship between device and account.
- **Device Detail** - shows device detail information, same as Device Detail in Device page.
- **Move Device** - Move device to other account, is identical to Rapid Sale/Sell/Bulk Sell
- **Device Command** - Send command to device, same as Command/Send Command in Device Page or Device Command in Monitor page.

Advanced Search ×

Device  Q Search Advanced ▾

User Relationship **Device Detail** Move Device Device Command

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions

### 10.1.1 User Relationship

This tab shows device basic fields and relationship between device and account, also includes following links:

- **Playback** - new page to playback tracks for this device.
- **Tracking** - new page to show real-time tracking for this device.
- **Alert** - new page to alert details report.
- **Monitor** - new page to Monitor page, showing selected device or devices of selected account.
- **View (Devices)**- new page to Device page to view devices of selected account.
- **Reset Password** - reset selected account to initial password 888888.

Advanced Search ×

Device  Q Search Advanced ▾

User Relationship **Device Detail** Move Device Device Command

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	AT11-4959	86130...	AT11	2022-11-03	2023-11-04	2023-11-04		<a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Monitor</a>

User Relationship:

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	haou	👤 Sales	hao	1888888888	341	<a href="#">Monitor</a> <a href="#">View Devices</a>

### 10.1.2 Device Detail

In this tab, user can edit device detail like *Edit* in *Device* page.



Advanced Search X

Device  Search Advanced

User Relationship | Device Detail | Move Device | Device Command

Device Name: AT11-49530      IMEI: 8613...

Command Type: SOS number

SOS setting    Delete SOS number    Delete by number

Number 1

Number 2

Number 3

Description: SOS setting

Send

## 10.2 Search Account

Search user by customer name or account, including sub-account. The result datagrid includes following links:

- **Monitor** - new page to monitor devices of selected account.
- **Detail** - navigates to User relative Information, including 5 tabs.
- **Reset Password** - reset password to initial password 888888 for selected account.
- **View (Devices)** - new page to view devices of selected account in Device page.

Advanced Search X

Account  Search

User Relationship | User Information | Sell Device | Add Sub-account | Move Account

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	ha...	Sales	ha...	18888888888	341	<a href="#">Monitor</a> <a href="#">View Devices</a>
2	L- 233232	Sales	test346437		0	<a href="#">Monitor</a> <a href="#">Reset Password</a> <a href="#">View Devices</a>

Click Detail link in the account list shows 5 tabs for selected account.

- **User Relationship** - shows the structure of accounts.
- **User Information** - Account details.
- **Sell Device** - Move devices to selected account.
- **Add Sub-account** - new sub-account for selected account.
- **Move Account** - move selected account to another sub-account.

Advanced Search ×

Account 233232 Q Search

User Relationship
User Information
Sell Device
Add Sub-account
Move Account

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
-----	---------------	--------------	---------	-----------	----------	---------

## 10.2.1 User Relationship

Show the structure of accounts. Monitor link navigates to a new page to monitor device, click View link to view devices of selected account in Device page.

Advanced Search ×

Account 233232 Q Search

User Relationship
User Information
Sell Device
Add Sub-account
Move Account

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	hac...	Sales	hac...	18888888888	341	<a href="#">Monitor</a> <a href="#">View Devices</a>
2	└─233232	Sales	test346437		0	<a href="#">Monitor</a> <a href="#">Reset Password</a> <a href="#">View Devices</a>

## 10.2.2 User Information

Identical to Edit in Account, user can edit account details in this tab.

Advanced Search ×

Account  Q Search

User Relationship
User Information
Sell Device
Add Sub-account
Move Account

\*Superior Account:

\*Account Type:

\*Customer Name:

\*Login Account:

Telephone:

Email:

\*Country / Region:

Contact Person:

Company Name:

Customer Name/Account Q

- ▼ hao001
  - 1' where id =2046651 --
  - ▼ 233232
    - 1' OR 1=1 where id =...
    - 0614
    - 112233aaaaaaaa
    - 12233aaaaa
    - ▶ 123hao123323232
    - 546756ggg
    - ▶ AAaa9999

### 10.2.3 Sell Device

Move devices to this selected account. This function almost identical to Sell/Bulk Sell/Rapid Sale/Move Device in previous section. The difference selected account is the target account in this function.

Advanced Search ×

Account  Q Search

User Relationship
User Information
Sell Device
Add Sub-account
Move Account

Selected device: 0, Sell to: **233232**

IMEI(Press Enter for multiple lines)

IMEI	Model	Account	Actions

User Expiration:  Clear Sell

## 10.2.4 Add Sub-account

Add new sub-account for selected account. This is a function identical to New Account, set the selected account as superior account and not allow to change.

Advanced Search ×

Account  Search

User Relationship   User Information   Sell Device   **Add Sub-account**   Move Account

\* Superior Account:    Contact Person:

\* Account Type:    Telephone:

\* Login Account:    Email:

\* Country / Region:    Permissions:  App Login  
 Web Login

\* Customer Name:     Send Command  
Company Name:     Set Working Mode

\* Password:     Edit by Web  
Initial password is:888888    Edit by App

\* Confirm Password:

Save

## 10.2.5 Move Account

Move selected account to a target account select from the account tree.

Advanced Search ×

Account 233232 Q Search

User Relationship
User Information
Sell Device
Add Sub-account
Move Account

Customer Name/Account Q

- ▼ hao001
  - 1' where id =2046651 --
  - ▼ 233232
    - 1' OR 1=1 where id =...
    - 0614
    - 112233aaaaaaaa
    - 12233aaaaa
    - ▶ 123hao123323232
    - 546756ggg
    - ▶ AAaa9999

Move

### 10.3 Search App User

Generally, App user is registered from Apps by an email account, To search App user, User provides email account and click Search button to search sub-account for current login account. App user will not included in the searching results if it haven't bound a device.

Advanced Search ×

APP Account
659323982@qq.com
Q Search

**User Detail**

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanjie	APPAccount	659323982@qq.com		236	<a href="#">Monitor</a> <a href="#">Reset Password</a>

Device list

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	□ -00002	2017110700000 02	pp	2018-01-01	2039-08-15	2039-08-15	659323982@qq.com	<a href="#">Detail</a> <a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Unbundling</a>
2	□ -34010	2017110712340 10	pp	2029-03-26	2039-08-15	2039-08-15	659323982@qq.com	<a href="#">Detail</a> <a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Unbundling</a>
3	□ 0000000-56708	2017110734567 08	00000	2018-01-01	2039-08-15	2039-08-15	659323982@qq.com	<a href="#">Detail</a> <a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Unbundling</a>
4	□ 11AATT44-07433	3535490901074 33	AATT44	2018-09-29	2039-08-15	2039-08-15	659323982@qq.com	<a href="#">Detail</a> <a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Unbundling</a>
5	□ 234	2017110756789 06	AATT33300	2018-01-01	2039-08-15	2039-08-15	659323982@qq.com	<a href="#">Detail</a> <a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Unbundling</a>
6	□ 3333-56710	2017110734567 10	WETRACK2	2018-01-01	2039-08-15	2039-08-15	659323982@qq.com	<a href="#">Detail</a> <a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Unbundling</a>
7	□ 333311-79504	3587350733795 04	WETRACK2	2018-01-01	2039-08-15	2039-08-15	659323982@qq.com	<a href="#">Detail</a> <a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Unbundling</a>

Operation Links:

- **Monitor** - new page to monitor bound devices of selected App user.
- **Reset Password** - reset App user password to initial password, 888888.
- **Detail** - navigates to device relative 4 tabs. Identical to Detail link in Search Device.
- **Playback** - new page to playback tracks of this device.
- **Tracking** - new page to show real-time tracking of this device.
- **Alert** - new page navigates to alert detail report.
- **Unbundling** - unbind device from this App user.

## 10.4 Search Device by License Plate No.

This function provide a shortcut to search device by License Plate No. Identical to Search Device in previous section.

The screenshot shows an 'Advanced Search' window with a search filter for 'License Plate No.' set to 'R782456'. The search results are displayed in a table with the following data:

No.	Device Name	IMEI	Model	Activated Date	Expiration Date(P)	Expiration Date(U)	Bind User	Actions
1	3333-56709	201711073456709	WETRACK2	2019-09-19	2039-08-15	2039-08-15		<a href="#">Playback</a> <a href="#">Tracking</a> <a href="#">Alert</a> <a href="#">Monitor</a>

Below the device table, the 'User Relationship' section shows the following details:

No.	Customer Name	Account Type	Account	Telephone	Quantity	Actions
1	tanje	Distributor	tanje	1507889455	352	<a href="#">Monitor</a> <a href="#">View Devices</a>

## 11 Message

System searches devices that is offline more than 3 days or to be expired in 15 days on schedule, and send notifications to user by mail(if mail address is provided in Account). Meanwhile, they are also displayed in this message box. All unread messages can be mark as read.

No.	Status	Send Time	Content	Message Type	Sender
1	Unread	2022-12-19 07:59:02	The device is about to expire 3573718110424	Device Expired	System
2	Unread	2022-12-19 07:59:02	The device is about to expire 20085110424	Device Expired	System
3	Unread	2022-12-19 07:59:02	The device is about to expire 865110424	Device Expired	System
4	Unread	2022-12-19 07:59:02	The device is about to expire 20143110424	Device Expired	System
5	Unread	2022-12-19 07:59:02	The device is about to expire 281110424	Device Expired	System
6	Unread	2022-12-19 07:59:02	The device is about to expire 20359110424	Device Expired	System
7	Unread	2022-12-19 07:59:02	The device is about to expire 20143110424	Device Expired	System
8	Unread	2022-12-19 07:59:02	The device is about to expire 20085110424	Device Expired	System
9	Unread	2022-12-19 07:59:02	The device is about to expire 201712110424	Device Expired	System
10	Unread	2022-12-15 18:06:49	had001 assigne 85110424 to habalala	Self/Move	System

## 12 My Wallet

My Wallet page displays the current amount of Mi Coins, and mainly provides the spending and transfer functions of Mi Coins. Importing devices and renewing devices will cost Mi Coins. At the same time, users can transfer Mi Coins to their sub-accounts.

### 12.1 Import & Renew

- Import device

Import tracking devices to platform and start to use. User can import devices by Mi Coins.

To import devices manually, click Import Device button, fill the required fields in the pop up window and click save button, note that IMIE is support multiple, one IMEI for each line.

Users can inquire about the consumption of Mi Coins for device import/renewal by order or details. At the same time, they can also search by operation time and IMEI. If you query in details, you can also search by service type and account.

The search results will be displayed in the list below the search item, and the total number of Mi Coins consumed will be displayed in the upper left corner of the top of the list.

Global Settings

MI Coins

MI Coins Balance : 3

Import & Renew Value-added services Transfer MI Coins Insufficient balance reminder

Search by:  Orders  Details Import device Renew Device

Operation Time: 2024-11-02 2024-12-02 IMEI:  Search Reset

Total Consumption : 169

No.	Operation Time	Total Price	MI Coins Balance	Remark	Actions
1	2024-11-27 17:32:22	12	3		Detail
2	2024-11-20 16:26:57	12	15		Detail
3	2024-11-20 10:22:24	7	27		Detail
4	2024-11-19 11:58:31	7	34		Detail
5	2024-11-19 09:32:01	7	41		Detail
6	2024-11-18 16:41:50	20	48		Detail
7	2024-11-15 14:28:30	7	68		Detail
8	2024-11-14 18:11:59	7	75		Detail
9	2024-11-13 11:28:35	20	82		Detail
10	2024-11-11 16:56:16	12	102		Detail

10 / Page < 1 2 > Go 1 page

MI Coins

MI Coins Balance : 566

Import & Renew Transfer MI Coins

Search by:  Orders  Details Import device Renew Device

Operation Time: 2022-11-21

Total Consumption : 269

**Import device**

\* Device Model:

\* Service type:

unit price: Select price

\* To account:

\* Node information:

Application:  Allow to be bound by APP account

\* IMEI:  Add

Total: 0 Micoin Cancel Confirm

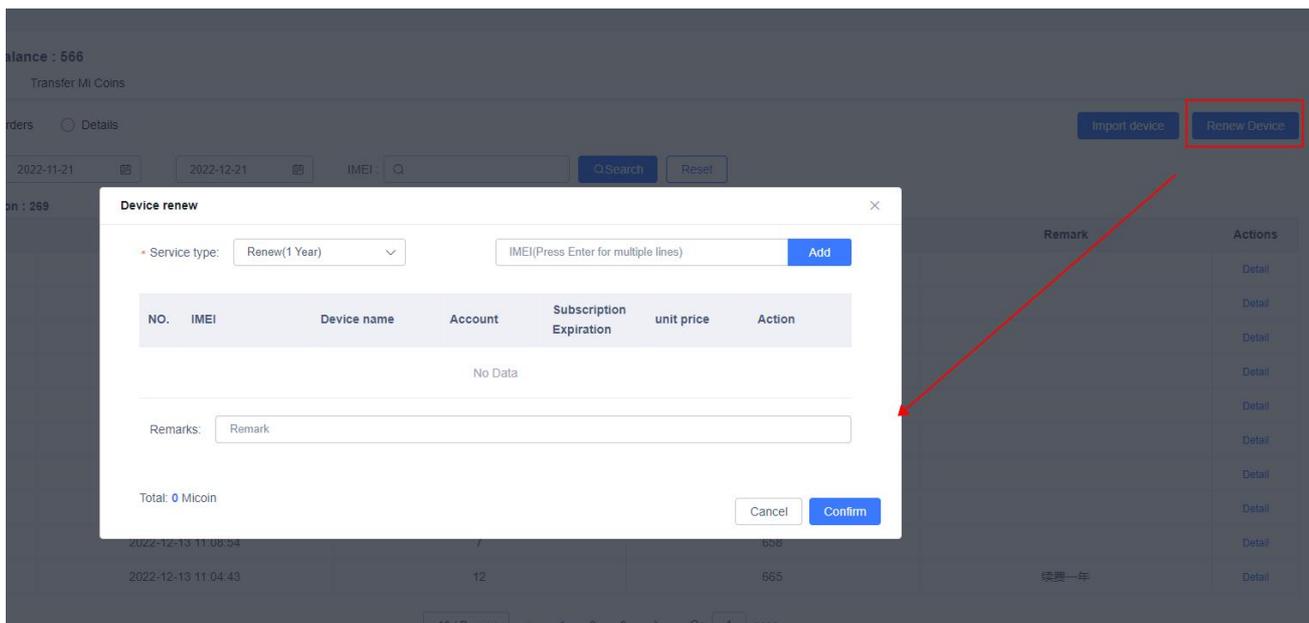
Remark

Actions

续费一年

● **Renew device**

Renew expired device, fill in the Service Type and device IMEI.



## 12.2 Value-added services

The platform now features a “Value-Added Service Purchase” entry, allowing users to purchase value-added services for their devices using Mi Coins as needed.

### Value-added Service

The newly supported value-added services available for purchase include:

#### 1. Increased Location Update Frequency for TAG Devices

By default, the system retrieves location data for TAG devices every 60 minutes. Users can purchase value-added services to increase the frequency. Two upgrade options are available:

- Every 30 minutes
- Every 10 minutes

#### 2. Extended Track Data Storage

The platform’s default storage duration for device track data is 6 months. Users can extend the storage duration to 1 year by purchasing value-added services.

Note: The extended storage applies to data generated after activating the service and remains effective until the service expires. The service is valid for 1 year.

#### 3. Extended Alert Data Storage

The platform's default storage duration for alert data is 3 months. Users can purchase services to extend storage to:

- 6 months
- 1 year

Note: The extended storage applies to data generated after activating the service and remains effective until the service expires. The service is valid for 1 year.

#### 4. Extended Report Data Storage

The platform's default storage duration for report data is 3 months. Users can purchase services to extend storage to:

- 6 months
- 1 year

Note: The extended storage applies to data generated after activating the service and remains effective until the service expires. The service is valid for 1 year.

#### **Purchase Value-Added Service**

In the My Wallet - Mi Coins - Value-Added Services page, users can click the Purchase Service button to open the value-added service purchase popup.

The popup includes the following fields:

- Device Type: The model of the device requiring the value-added service.
- Service Type: Options include:
  - Increasing location update frequency for TAG devices
  - Extending track data storage
  - Extending alert data storage
  - Extending report data storage
- Service: Dynamic options based on the service type. For example:
  - For location update frequency, options include upgrading to every 30 minutes or every 10 minutes.

- For data storage extensions, options include extending to 6 months or 1 year.
- IMEI: Input the IMEI of devices needing the service (supports batch input).

After completing the form, the total Mi Coins required is displayed at the bottom based on the number of devices and the selected service price. Users can click Confirm to finalize the purchase.

### **Purchase History Inquiry**

Users can view their purchase history and details on the My Wallet - Mi Coins - Value-Added Services page.

Each purchase record includes:

- Operation Time: The date and time of the purchase.
- Service Type: The type of service purchased.
- Service Name: The specific service purchased.
- Unit Price: The price of the service per unit.
- IMEI: The IMEI of the device for which the service was purchased.
- Service Expiration Time: The expiration date of the service (valid for 1 year from activation).
- Mi Coins Balance: The remaining Mi Coins after the purchase.

Users can search the records by Date, IMEI, or Service Type.

Note: The service expiration time starts immediately after activation and lasts for 1 year.

Global Settings  **Mi Coins**

**Settings** 

**Messages** 

**My Wallet** 

**Mi Coins** 

Credit

**Command** 

**Help** 

---

**Mi Coins Balance : 49809**

Import & Renew [Value-added services](#) Transfer Mi Coins Insufficient balance reminder

Operation Time : 2024-11-25 - 2024-11-25  Please enter IMEI to search Service type

[Purchase services](#)

No.	Purchase Date	Service type	Service Details
-----	---------------	--------------	-----------------

**Purchase services** 

\* Device model:  

Service type:  

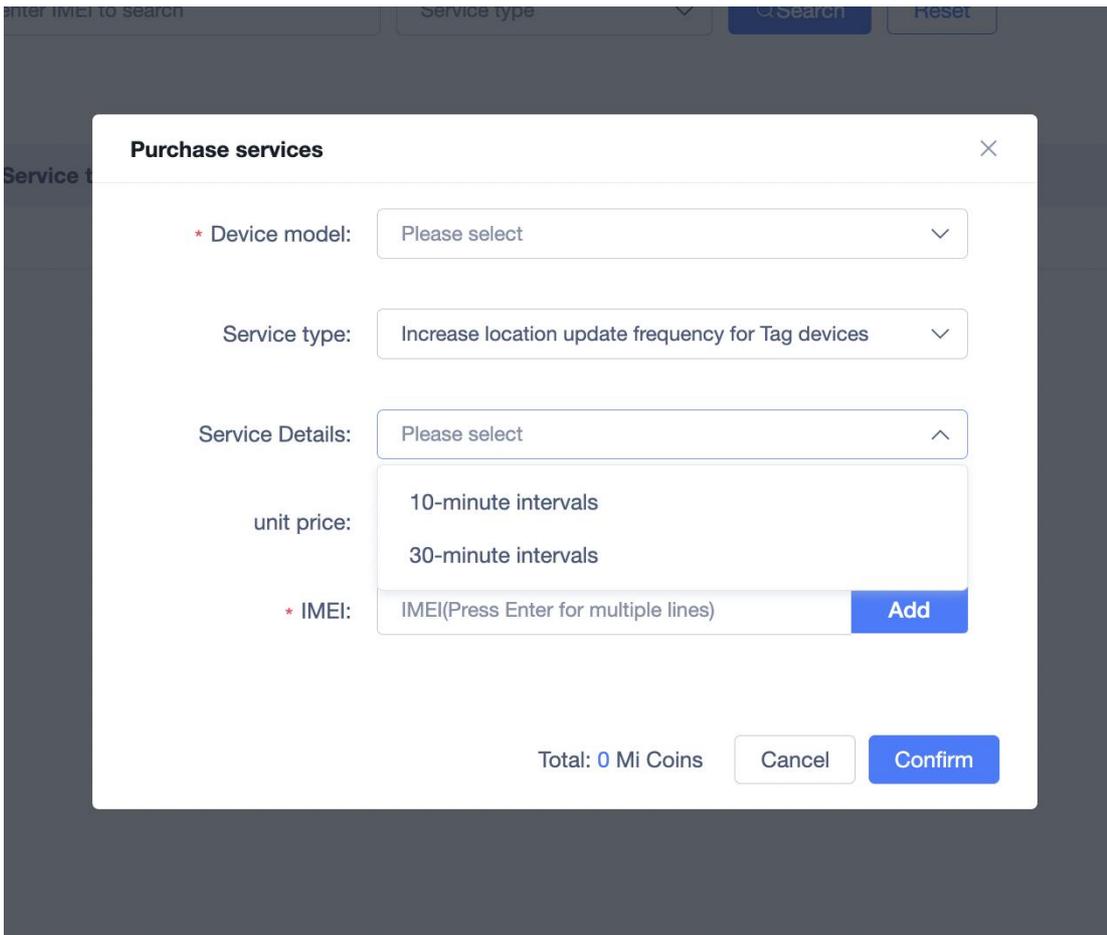
Service Details:

- Extend trajectory data storage
- Extend report data storage
- Extend alert data storage
- Increase location update frequency for Tag devices

unit price:

\* IMEI:  [Add](#)

Total: 0 Mi Coins

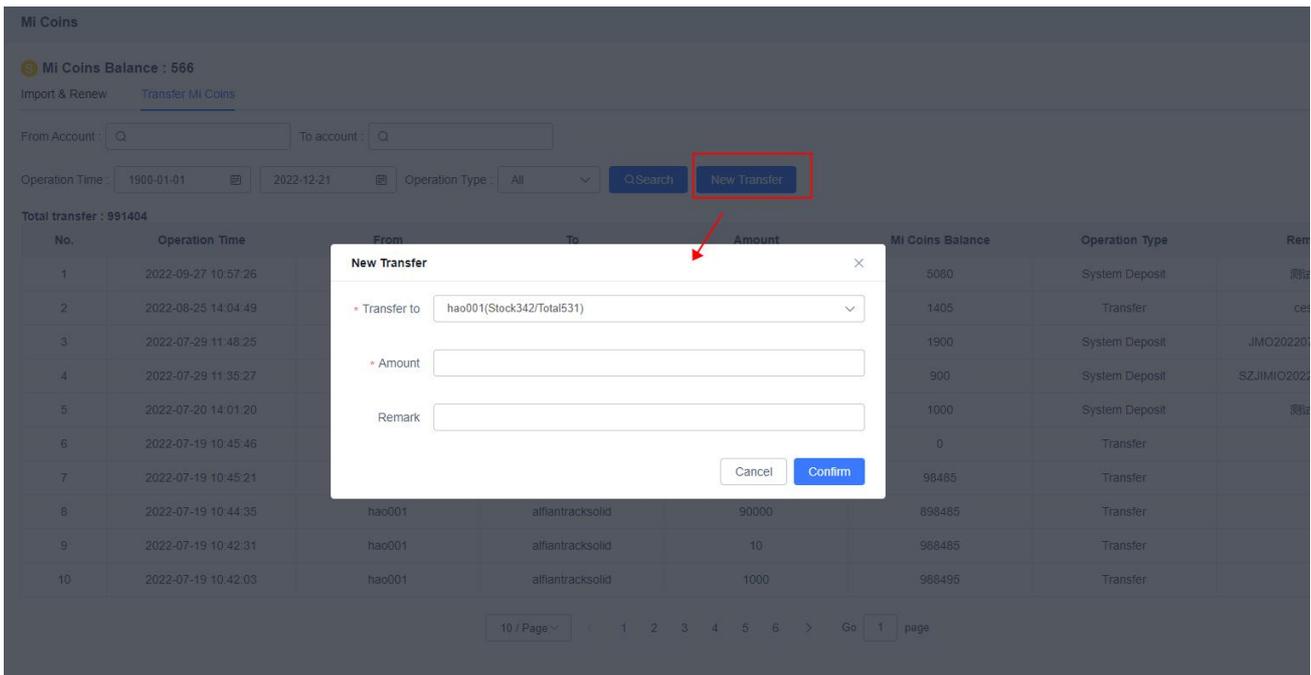


## 12.3 Transfer Mi Coins

Transfer the Mi Coins to sub-account.

Users can search Mi Coins transfer records by transfer-out account, transfer-in account, operation time, and operation type.

No.	Operation Time	From	To	Amount	Mi Coins Balance	Operation Type	Remark
1	2024-11-15 15:16:13			1000	1009	System Deposit	
2	2024-07-10 18:47:16			1000	1006	System Deposit	
3	2022-01-27 12:00:07			6666	6674	System Deposit	
4	2021-11-02 17:14:28			100	100	System Deposit	

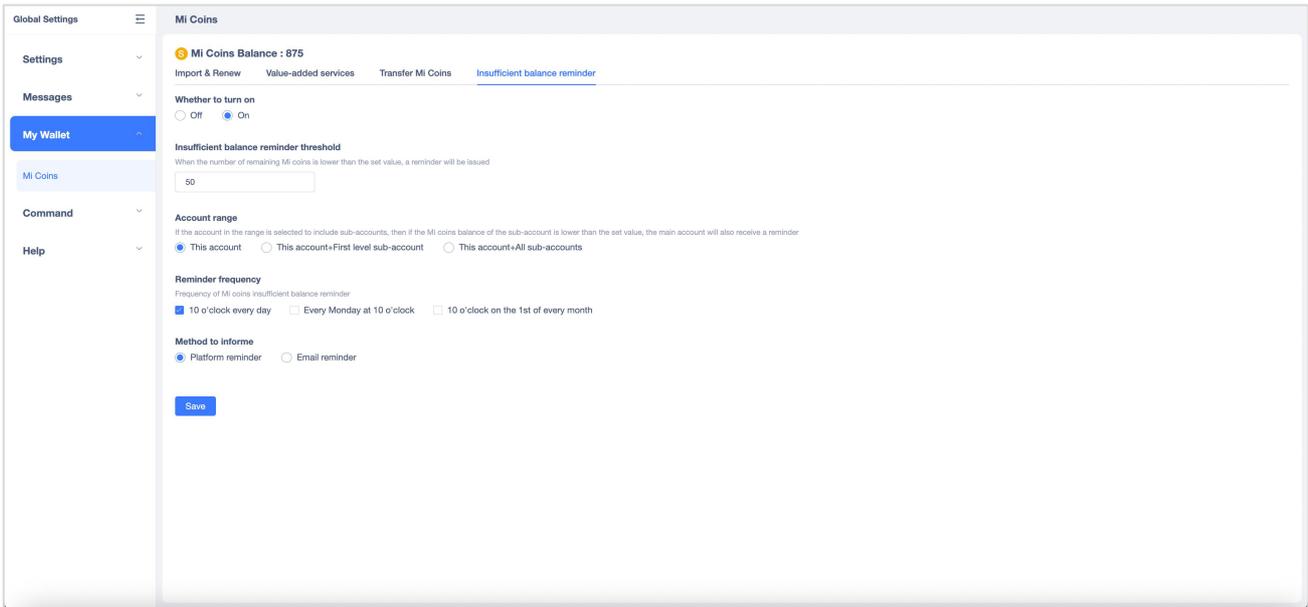


## 12.4 Insufficient balance reminder

When the Mi coin balance of an account is insufficient, the account or sub-accounts can be reminded through platform messages or emails.

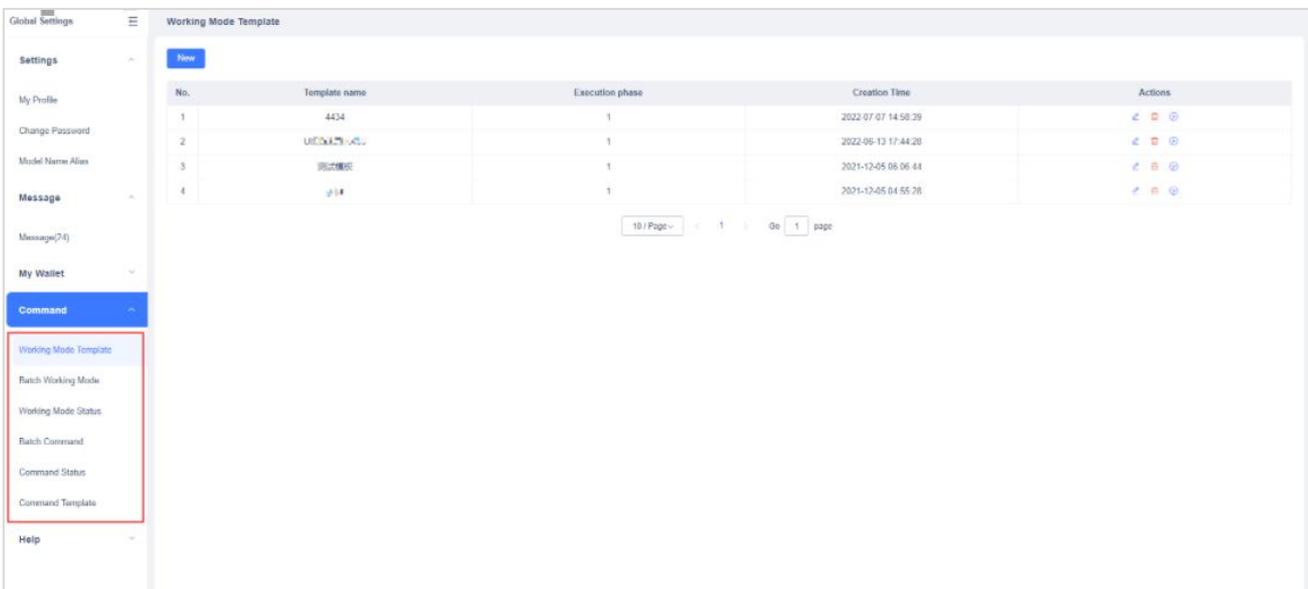
The information that users need to set is as follows:

- **Mi coin reminder threshold:** When the remaining Micoin amount is lower than the set value, a reminder will be given;
- **Account range:** The monitored account range, if the Mi coin balance of the account within the range is lower than the threshold, the main account will receive a reminder;
- **Reminder frequency:** You can choose to remind at 10 o'clock every day, 10 o'clock every Monday, and 10 o'clock on the 1st of each month, and multiple selections are supported;
- **Notification method:** By default, platform message reminders (small bell, message center-message) are used, and users are supported to add email reminders, and the email address needs to be verified;



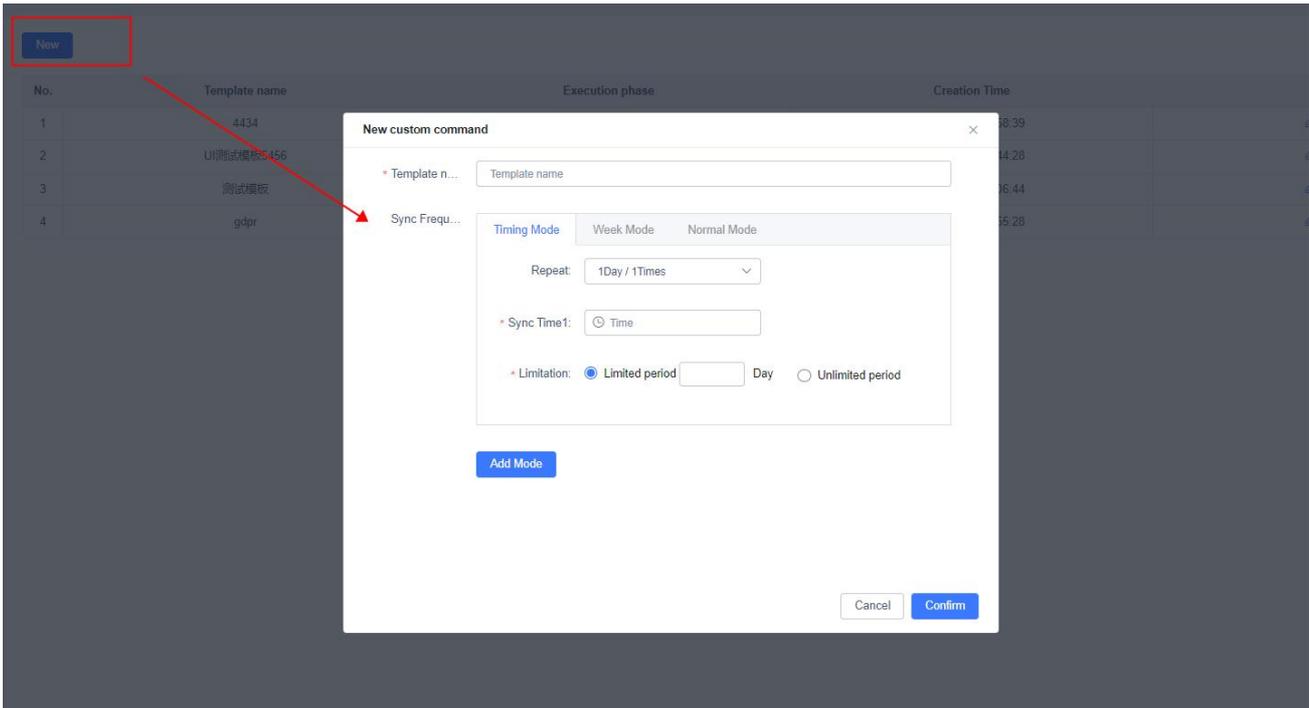
## 13 Command Management

Sometimes user need to send command to device for changing device configuration. Besides sending command individual or in bulk, system also provides feature working mode template and command template to make it more convenient to send commands to device.



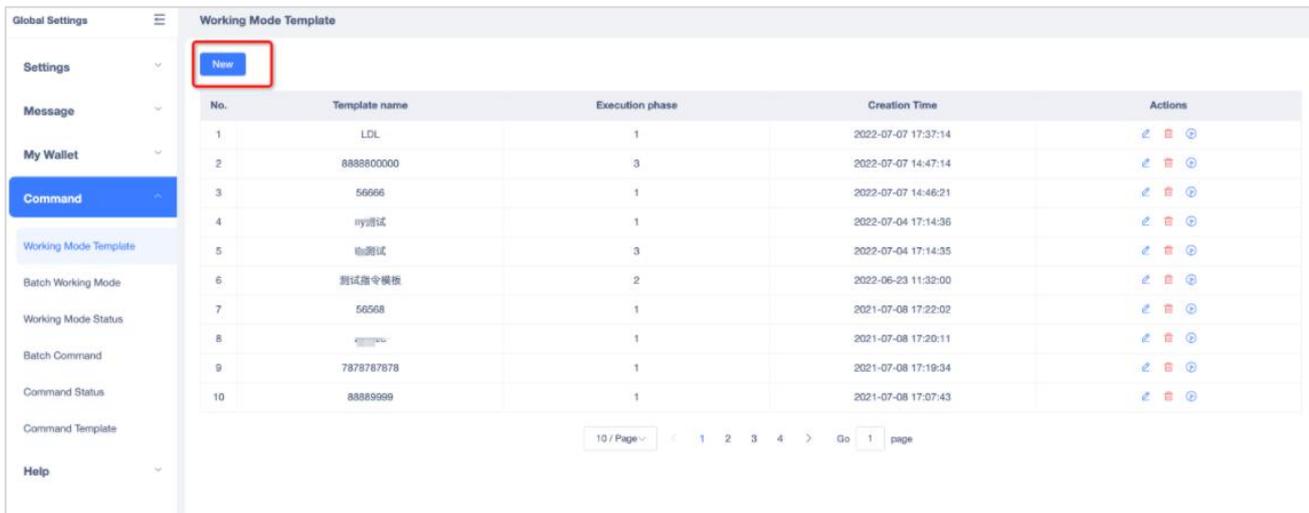
### 13.1 Working Mode Template

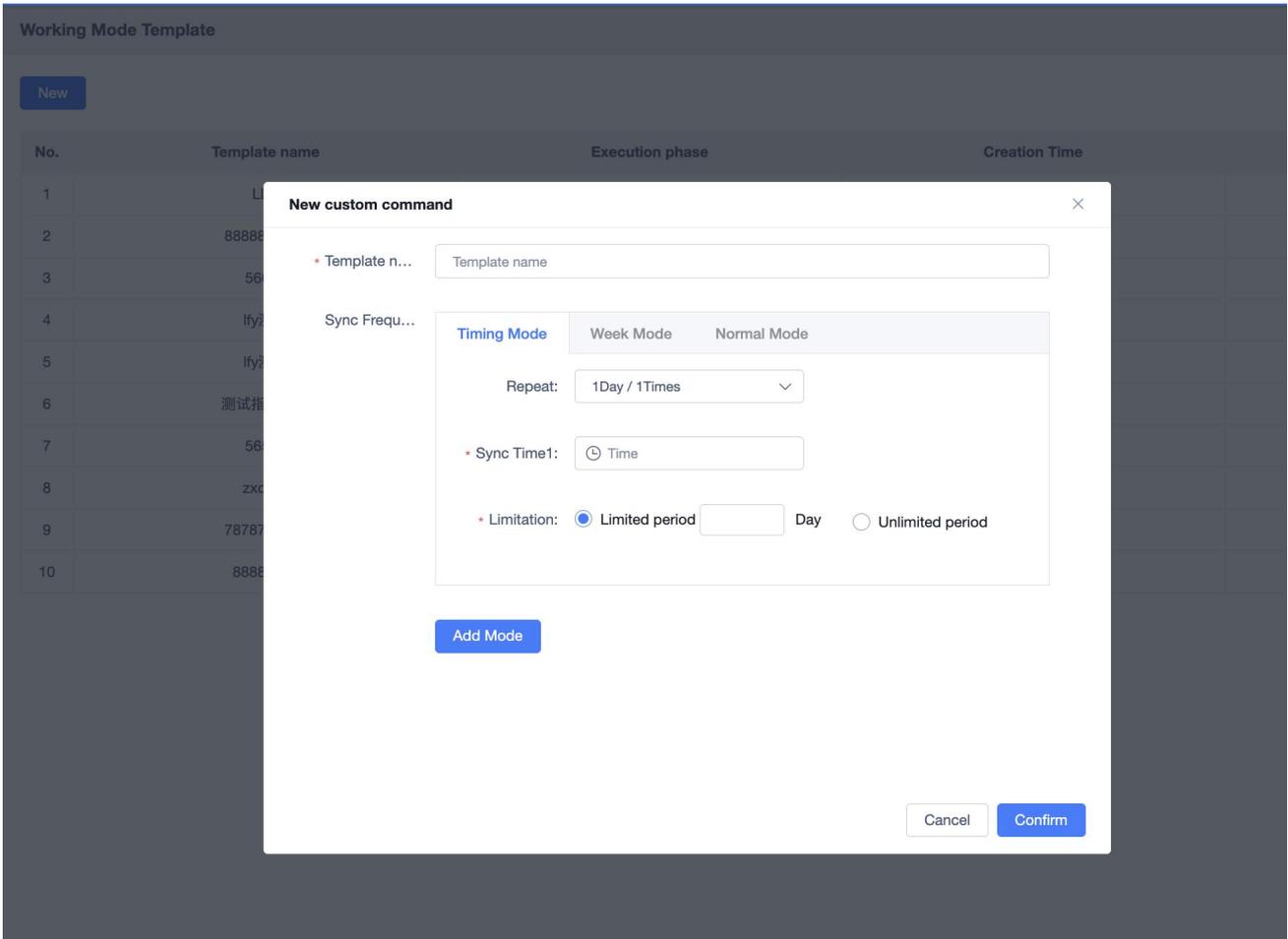
It's a template for set GPS data packet uploading frequency. See Working Mode for more details.



### 13.1.1 Create Template

Click Create Template to add a new working mode template.

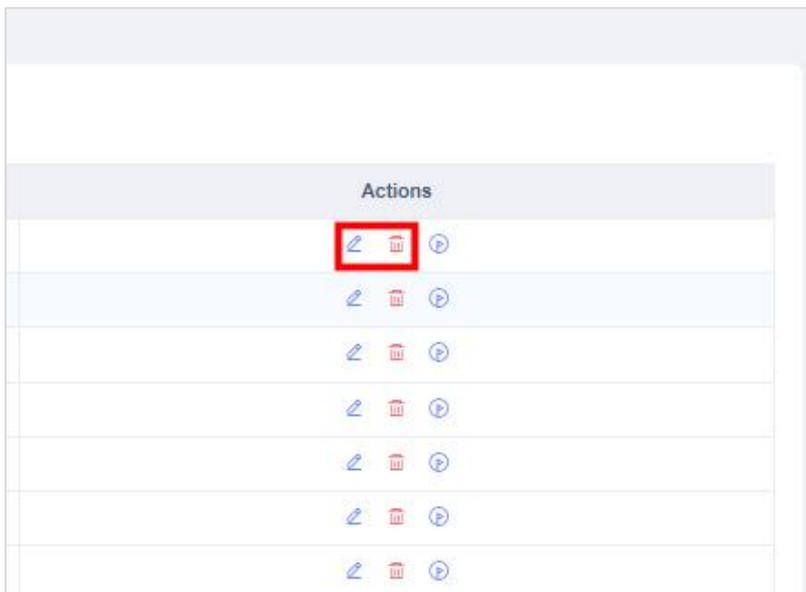




### 13.1.2 Edit & Delete Template

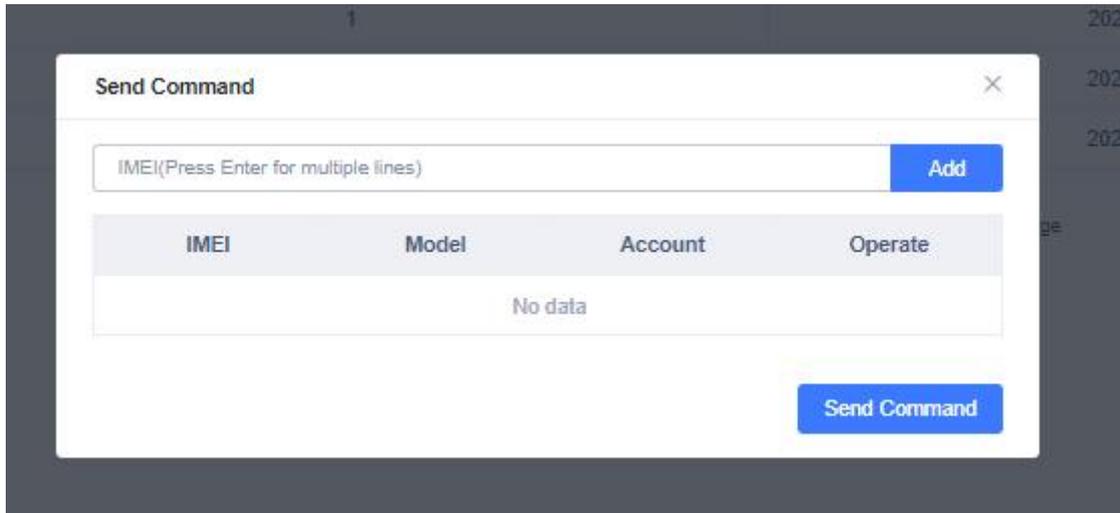
Edit Template name or Sync Frequency, you can add more Sync Frequency or delete the more Sync Frequency.

If you do not need one of the work templates, you can click the trash can to delete the template.



### 13.1.3 Command

Fill device(s) IMEI and Click Send Command send working mode command to device.



### 13.2 Batch working mode

Each operation of Set Working Model in bulk(in Device module) is considered as a batch operation, system generates a record for this operation in this datagrid. The record includes following fields: Batch No. ,Template Name, Device Qty, Send Time and a link navigates to Synchronize Working Mode to view details of operated devices.

No.	Batch number	Template name	No. of devices	Sent	Actions
1		LDL	1	2022-07-08 17:20:42	Show devices
2	202207	zicccc	1	2022-07-05 16:56:43	Show devices
3	202207	zicccc	1	2022-07-05 16:56:07	Show devices
4	202207	伊测试	1	2022-07-05 16:54:48	Show devices
5	202207	伊测试	1	2022-07-04 17:21:57	Show devices
6	202207	伊测试	1	2022-06-08 16:29:34	Show devices
7	202207	自行车出厂	1	2021-07-08 13:56:29	Show devices
8	202207	自行车出厂	1	2021-07-08 13:40:59	Show devices
9	202207	自行车出厂	1	2021-07-08 11:36:37	Show devices
10	20210708015555X	自行车出厂	1	2021-07-08 09:55:53	Show devices

For example,If a device is offline and a command (setting the working mode is a special command) is suspended, there is no start time or end time.

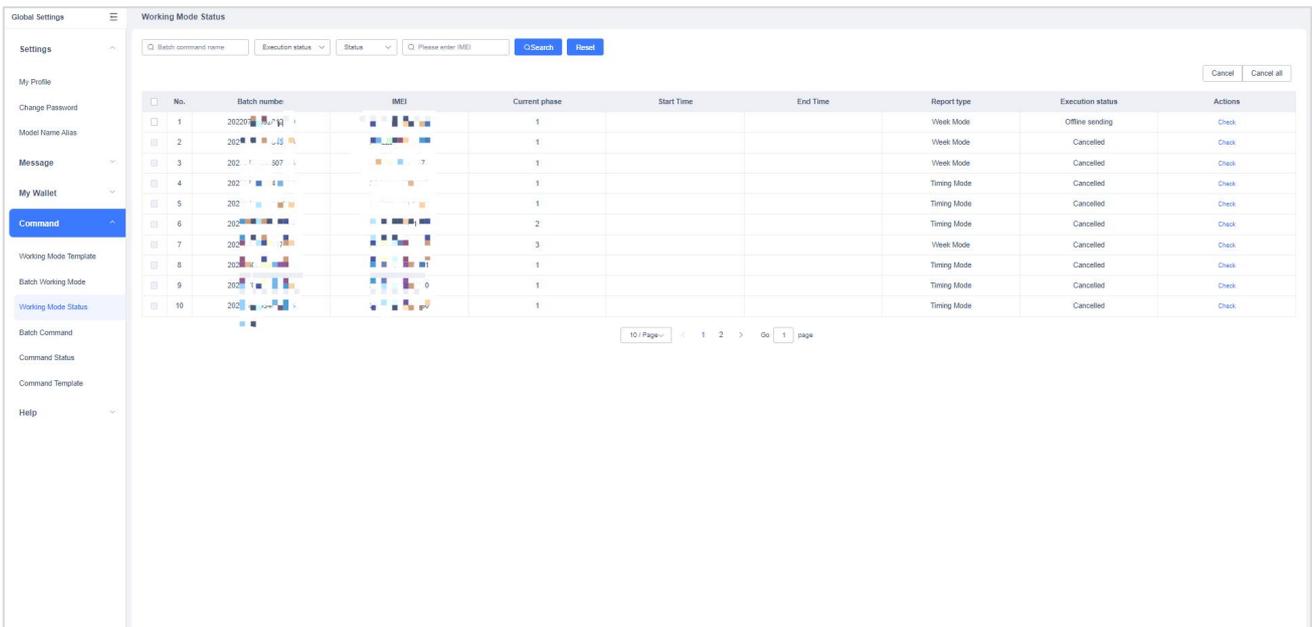
Click view for details.



Click Cancel Command/Cancel All Command button to cancel fail/pending command.

### 13.3 Working mode status

System generates a record for this operation in this datagrid. The record includes following fields: Batch No. ,IMEI , Current stages, Start Time and End Time to Synchronize Working Mode to view details of operated devices



### 13.4 Batch Command

Send Command in bulk(in Device module) generates a record in Sending Command Task datagrid, click View Detail link, the detail operated devices will be shown in Sending Command datagrid. Command can be canceled and exported in the details datagrid.

No.	Batch number	Command category	No. of devices	Start Time	End Time	Create Time	Account	Actions
1	647207	自定义指令	1	2022-07-08 11:48:00	2022-08-07 11:48:00	2022-07-08 11:49:06	676e2c012beaf6971c26f76a1524	Show device
2	647151	自定义指令	1	2022-07-08 11:18:00	2022-08-07 11:18:00	2022-07-08 11:21:29	676e2c012beaf6971c26f76a1524	Show device
3	644739	Regular time mode	1	2022-07-05 00:00:00	2022-08-04 00:00:00	2022-07-05 16:55:04	676e2c012beaf6971c26f76a1524	Show device
4	535862	自定义指令	1	2022-03-31 14:52:00	2022-03-31 14:52:00	2022-03-01 14:53:05	676e2c012beaf6971c26f76a1524	Show device
5	535861	自定义指令	1	2022-03-31 14:50:00	2022-03-31 14:50:00	2022-03-01 14:52:15	676e2c012beaf6971c26f76a1524	Show device
6	535861	自定义指令	1	2022-03-01 14:50:00	2022-03-31 14:50:00	2022-03-01 14:51:58	676e2c012beaf6971c26f76a1524	Show device
7	393186	Query SOS Setting	3	2021-09-17 11:39:00	2021-10-17 11:39:00	2021-09-17 11:39:15	676e2c012beaf6971c26f76a1524	Show device
8	354276	SOS setting	1	2021-08-03 10:49:00	2021-09-02 10:49:00	2021-08-03 10:48:41	676e2c012beaf6971c26f76a1524	Show device
9	342382	SOS设置	18	2021-07-20 18:26:00	2021-08-19 18:26:00	2021-07-20 18:27:06	676e2c012beaf6971c26f76a1524	Show device
10	332662	SOS设置	20	2021-07-09 10:26:00	2021-08-08 10:26:00	2021-07-09 10:26:53	676e2c012beaf6971c26f76a1524	Show device

### 13.5 Command Status

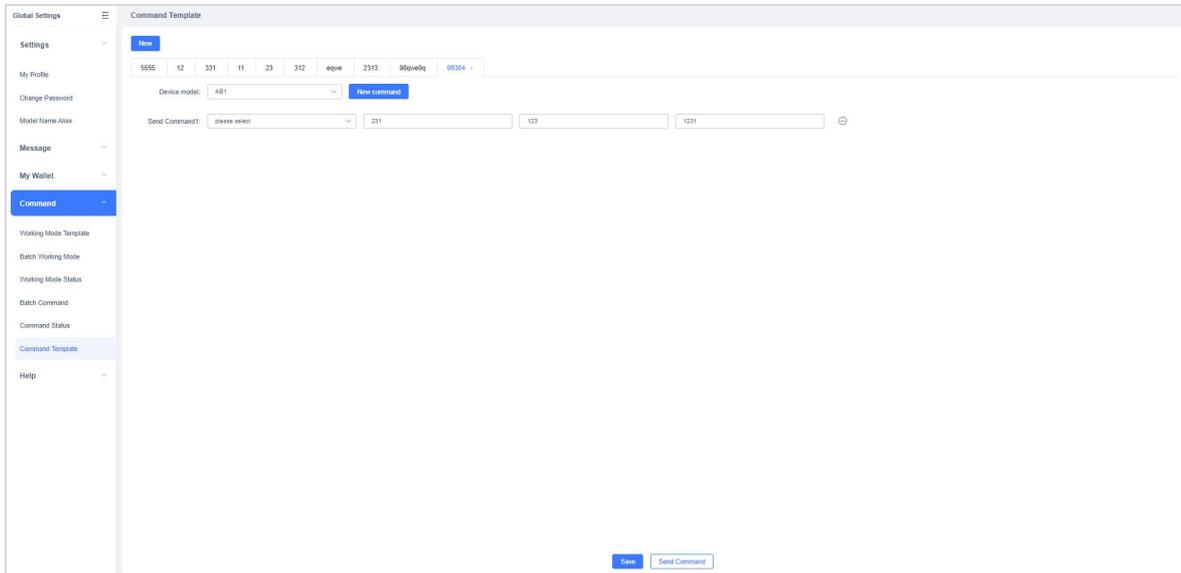
Display the status of the device, Success stands for sending successfully, and OK is the execution result returned by the device

No.	Batch number	Command category	Device status	Command	Sent	IMEI	Status	Content / Result	Platform	Account	Create Time
1		User defined command	Online		2022-12-22 18:11:33		Execution failed	Commands Time_out	WEB	hao001	2022-12-22 18:11:33
2		User defined command	Online		2022-12-22 17:33:38		Execution failed	Commands Time_out	WEB	hao001	2022-12-22 17:33:38
3		User defined command	Online		2022-12-22 16:44:27		Execution failed	Commands Time_out	WEB	hao001	2022-12-22 16:44:27
4		User defined command	Online		2022-12-22 14:17:27		Execution succeeded	HBTOK	WEB	hao001	2022-12-22 14:17:27
5		User defined command	Online		2022-12-22 11:46:32		Execution failed	Commands Time_out	WEB	hao001	2022-12-22 11:46:32
6		Real time positioning	Online		2022-12-21 12:08:05		Execution failed	Commands failSend	APP	test123	2022-12-21 12:08:05
7		SOS setting	Online		2022-12-16 12:06:27		Execution succeeded	SOS A OK	WEB	hao001	2022-12-16 12:06:27
8		User defined command	Online		2022-12-14 16:08:38		Execution succeeded	EXPORTSETOK	WEB	hao001	2022-12-14 16:08:38
9		User defined command	Online		2022-12-14 14:16:56		Execution succeeded	EXPORTSETOK	WEB	hao001	2022-12-14 14:16:56
10		User defined command	Online		2022-12-14 14:02:00		Execution succeeded	EXPORTSETOK	WEB	hao001	2022-12-14 14:02:00

### 13.6 Command Template

Command template is a function supports to configure several different commands in a template and send to specified devices list, the command will be send to selected device respectively. User should select Model first, then add commands, provide value for parameter and save it.

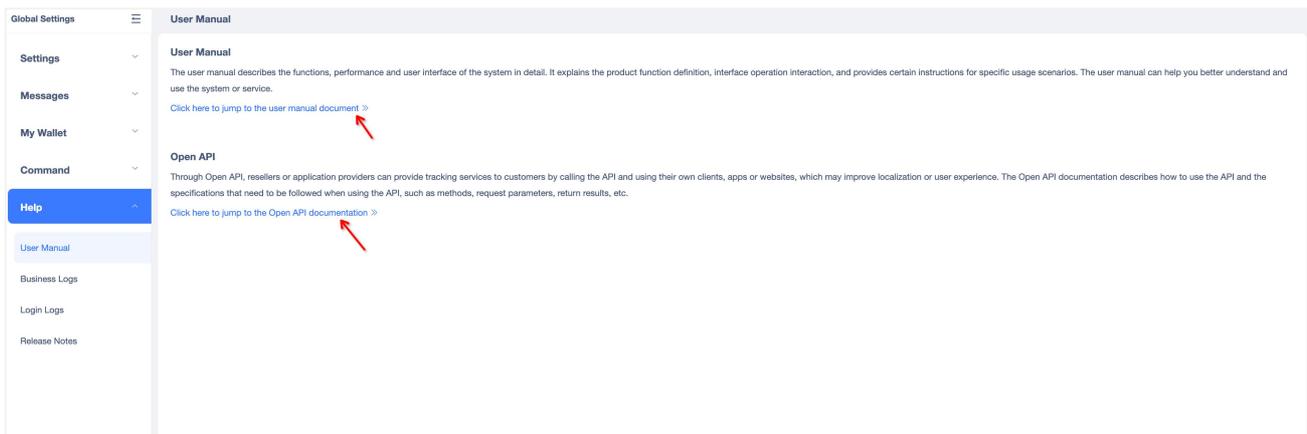
After save the template, user selects devices and click Send Command button, a new window pops up to show the execution results.

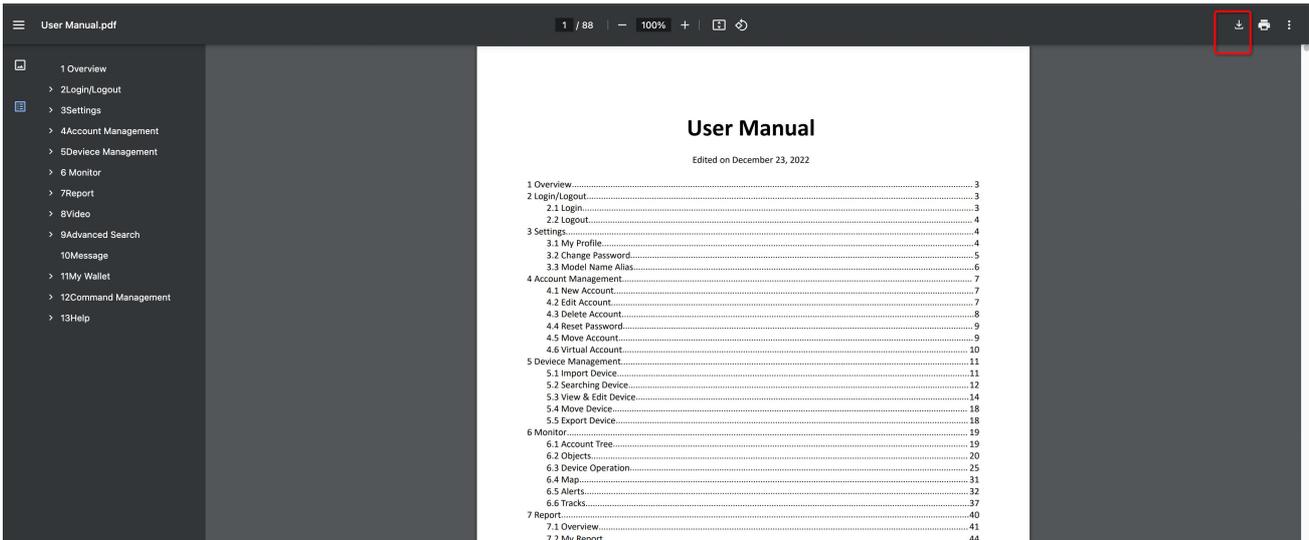


# 14 Help

## 14.1 User Manual

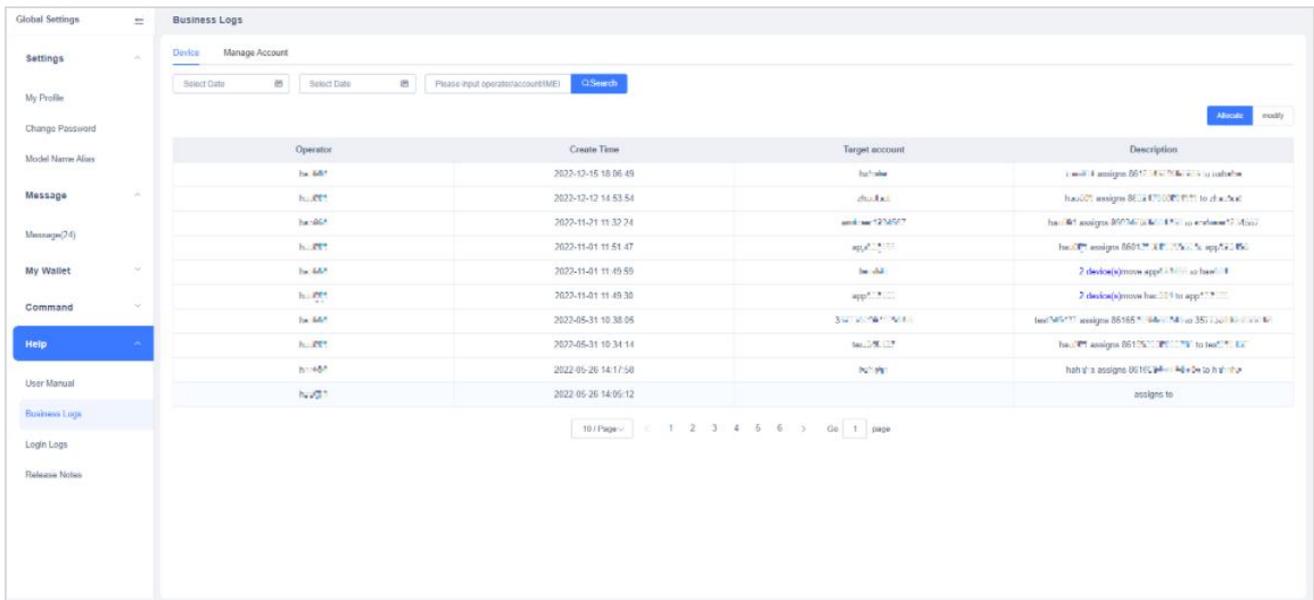
Click the link to view the platform user manual and OPEN API usage instructions. You can view them online or download them locally.





## 14.2 Business Log

Provides logs for device and account for core business operation.



Global Settings

Business Logs

Device Manage Account

Select Date Select Date Please input operator/account/IMEI Search

10 Add Delete Change Password Reset Password Move

Operator	Create Time	Target account	Region	Description
21***	2022-12-05 13:39:00	20***		Edit
h***	2022-06-29 17:25:38	11*	Europe	Edit
h***	2022-06-29 17:25:32	11	Europe	Edit
h***	2022-07-07 18:42:24	h***		Edit
h***	2022-07-01 20:40:56	h***	Europe	Edit
h***	2022-07-01 20:40:44	h***	Europe	Edit
h***	2022-03-21 11:21:14	melg***	America	Edit
h***	2021-12-05 05:50:13	ab***	Europe	Edit
h***	2021-12-05 05:33:17	h***	Hongkong	Edit
h***	2021-12-05 05:16:19	12***	Europe	Edit

10 / Page 1 2 > Go 1 page

## 14.3 Login logs

Display login logs for current login account.

Global Settings

Login Logs

All Login Account Select Date Select Date Search

No.	Login source	Login Account	IP address	Login time	Result
1	web	h***	113.108.62.202	2022-12-21 16:29:02	Login Successful
2	web	h***	113.108.62.202	2022-12-21 16:28:54	Login Successful
3	web	h***	113.108.62.202	2022-12-21 14:18:23	Login Successful
4	web	h***	113.108.62.202	2022-12-21 14:18:07	Login Successful
5	web	h***	183.238.245.122	2022-12-21 13:49:26	Login Successful
6	web	h***	183.238.245.122	2022-12-21 11:51:22	Login Successful
7	app	h***	113.87.81.238	2022-12-20 15:52:24	Login Successful
8	app	h***	113.87.81.238	2022-12-20 15:52:04	Login Successful
9	web	h***	45.79.111.80	2022-12-20 14:51:46	Login Successful
10	web	h***	113.108.62.202	2022-12-20 11:51:50	Login Successful

10 / Page 1 2 3 4 5 6 67 > Go 1 page

## 14.4 Release Note

Display change log for every release version, it might include a user manual(Word document) for new features. Change log pops up while new version released, if you miss it, view it in this page.

- Global Settings
- Settings
- Messages
- My Wallet
- Command
- Help
- User Manual
- Business Logs
- Login Logs
- Release Notes

### Release Notes

**V2.24.1** 2024.09

- [Web] Report-Automatic report supports the "IMEI batch addition" function
- [Web] Video-setting adds the "one-click check of the same model device" function

**V2.24.0** 2024.09

- [Web] Fleet-Supports the creation of fleet routes and route rules, and adds route-related alarms
- [Web+App] Fleet-Vehicles support binding multiple devices
- [Web+App] Supports parsing and displaying J450 oil sensor data.
- [App] Optimize map display during trajectory query

**V2.23.0** 2024.08

- [Web] The Monitor-Alert module DVR device adds the function of manually requesting attachments to alarm events
- [Web] When selecting a device in the report template, it supports adding multiple IMEIs at the same time
- [Web] Virtual account permission control adds video permission
- [Web] The monitor page supports filtering devices according to the motion status and supports setting the content displayed in small bubbles
- [Web] OPENAPI-Added the API interface for obtaining OBD device data
- [App] IOS system version adds Baidu map coordinate adaptation

**V2.22.0** 2024.07

- [Web] Fleet-dashboard function optimization
- [Web] Fleet-Vehicle and driver reminder function optimization
- [Web] Fleet-Vehicle and driver batch deletion function added
- [Web] New version of Report-Added "Positioning and Power" report, and added "Chart" display
- [Web] Automatic report added "Alarm Details" type, report export latitude and longitude field format optimization, idling report added "User" field
- [Web] Optimized calculation rules for refueling data and fuel consumption data
- [Web] Device-Batch send command added "Send Record" tab
- [Web] Device-Alarm-Maintenance alarm added judgment rules, and the total mileage of the equipment reaches a certain value and also supports departure maintenance alarm
- [App] Device The detail interface supports displaying and editing device sensor information

**V2.21.0** 2024.06

- [Web] Support users to set the number of channels actually used by the DVR device and customize the channel name
- [Web] Video-setting adds video permission and GPS alarm event setting function